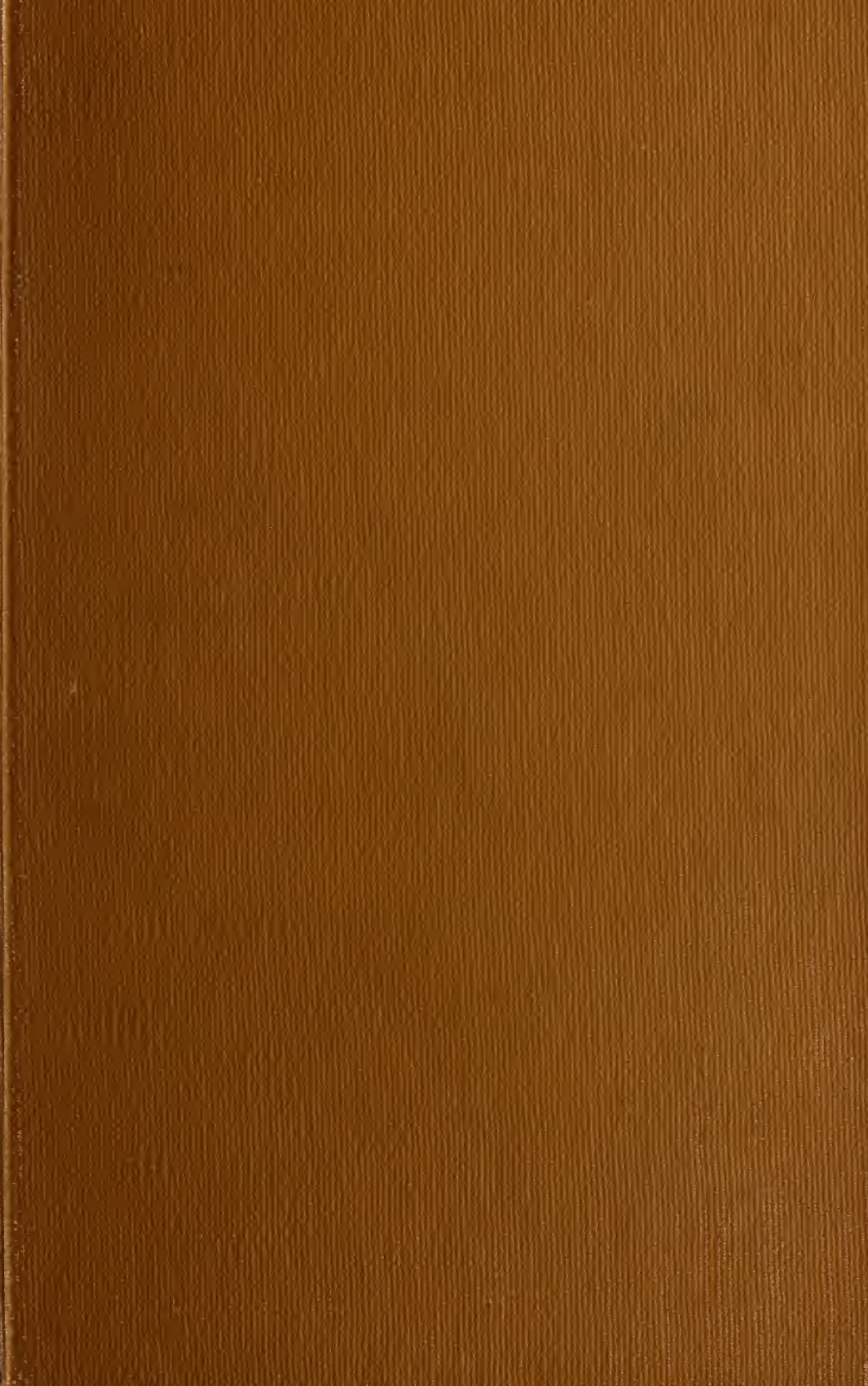


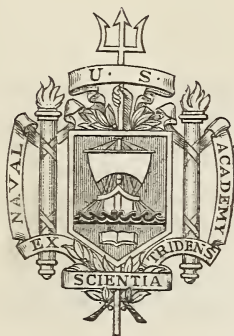






Annual Register
OF THE UNITED STATES
NAVAL ACADEMY

ANNAPOLIS, MD.



JUNE 5, 1948

ONE HUNDRED AND FOURTH ACADEMIC YEAR

UNITED STATES
GOVERNMENT PRINTING OFFICE
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1948-49

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THE UNITED STATES NAVAL ACADEMY

HISTORICAL SKETCH

The United States Naval Academy is an institution of higher education conducted by the Navy Department for the purpose of preparing young men to enter the lowest commissioned ranks of the Navy and Marine Corps. It was founded as the Naval School in 1845 by the Honorable George Bancroft, historian, educator, and Secretary of the Navy, to improve the then unsatisfactory methods of instructing midshipmen. It was located at Annapolis, Md., on the site occupied by Fort Severn, which was given up for the purpose by the War Department. At first the course was 5 years, of which only the first and last were spent at the school, the intervening 3 years being spent on board ships on active service. It was reorganized in 1850-51 as the United States Naval Academy, with a course of study of 4 consecutive years. A summer practice cruise replaced the omitted sea service, and gave better opportunities for intensive training. During the Civil War the Academy was moved to Newport, R. I., but was brought back to Annapolis in 1865, where it has since remained. In the following years great improvements were effected in the organization and curriculum. From 1873 to 1912 the academic course was 6 years, the last 2 of which were spent at sea. In 1912 the course was fixed at 4 years, the 2 years at sea being omitted. During the Civil, Spanish-American, and World Wars, the course was shortened to provide more officers for the fleets. During the World Wars large classes of reserve officers and reserve midshipmen were trained at the academy.

The students undergoing the course at the Naval Academy have been called in turn, acting midshipmen, midshipmen, cadet midshipmen and cadet engineers, naval cadets, and since the act of Congress approved July 1, 1902, midshipmen. A midshipman is an officer in a qualified sense. He is appointed a midshipman in the Navy, not merely at the Naval Academy, is subject to the orders and regulations of the Navy Department, but does not now participate in the benefits of retirement or longevity. He may be ordered to sea duty although this is not customary except on practice cruises. He ranks after a commissioned warrant officer, and ahead of a warrant officer. Upon graduation he may be commissioned an ensign in the line of the Navy, or a staff corps, or as a second lieutenant in the Marine Corps.

Under the Superintendent, the Academy is organized into the following departments: The executive department headed by the commandant of midshipmen who is charged with leadership instruction, interior discipline, drills, and tactical instruction; and the departments of seamanship and navigation, ordnance and gunnery, marine engineering, aviation, mathematics, electrical engineering, English, history and government, foreign languages, hygiene and physical training. At present about 22.4 percent of the academic work is devoted to the social-humanistic subjects, about 46.5 percent to the scientific-engineering subjects and about 31.1 percent to the military-professional subjects.

Beginning in the year 1899, following an appropriation of \$10,000,000 by Congress for the purpose, the Naval Academy was almost completely rebuilt in the

French Renaissance style after the designs of the architect, Mr. Ernest Flagg, of New York. The grounds of the Academy proper now comprise $232\frac{3}{10}$ acres along the west bank of the Severn River, on which are 217 major buildings, representing an investment of about \$35,000,000. In addition, 163 temporary units (including an office building) have been erected at a total cost of \$1,346,200 to alleviate the housing shortage due to the war.

An act of Congress approved on May 25, 1933, authorized the Superintendent to confer the degree of bachelor of science upon all graduates from and after the date of the accrediting of the Academy by the Association of American Universities. That association placed the Naval Academy on its approved list on October 25, 1930, and graduates commencing with the class of 1931 became eligible for the degree. By virtue of an act of Congress approved July 8, 1937, the Superintendent is now authorized to confer the degree upon all living graduates.

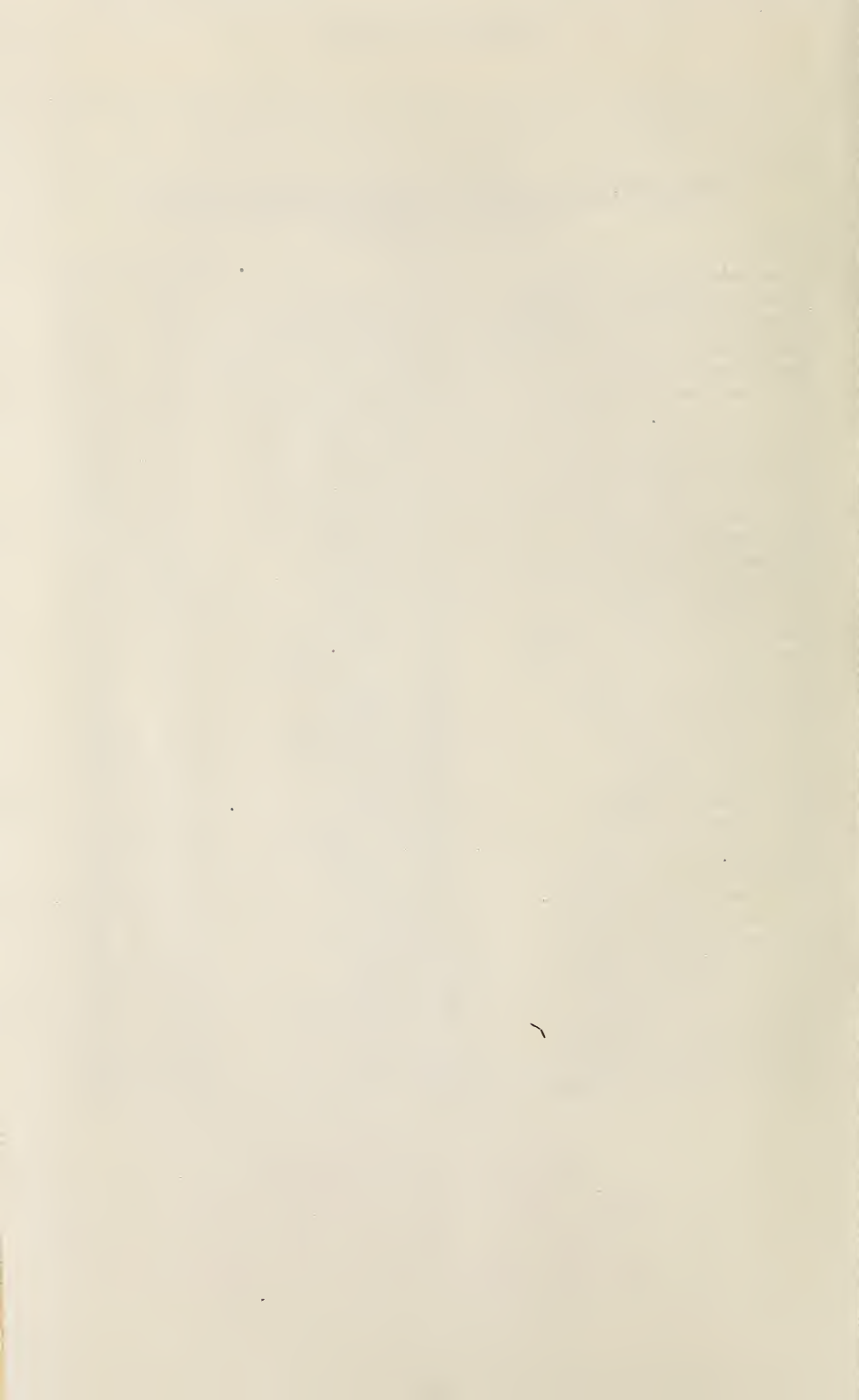
The total number of graduates of the United States Naval Academy, including the class of 1948-B, which graduated in 1948 is 20,290.

The administration of the Naval Academy is under the Bureau of Naval Personnel, Navy Department, Washington, D. C. Entrance requirements are fully set forth in the pamphlet Regulations Governing the Admission of Candidates Into the United States Naval Academy as Midshipmen and Sample Examination Questions, copies of which may be obtained by application to the Bureau of Naval Personnel. A description of the course of instruction is contained in the pamphlet Course of Instruction at the United States Naval Academy, Annapolis, Md., copies of which may be had by applying to the Academy.

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed Command
Commander Franklin Buchanan-----	Md. Sept. 3, 1845
Commander George P. Upshur-----	Virginia Mar. 15, 1847
Commander Cornelius K. Stribling-----	South Carolina July 1, 1850
Commander Louis M. Goldsborough-----	Washington DC. Nov. 1, 1853
Capt. George S. Blake-----	Massachusetts Sept. 15, 1857
Rear Adm. David D. Porter-----	Pennsylvania Sept. 9, 1865
Commodore John L. Worden-----	New York Dec. 1, 1869
Rear Adm. Christopher R. P. Rodgers-----	New York Sept. 22, 1874
Commodore Foxhall A. Parker-----	New York July 1, 1878
Rear Adm. George B. Balch-----	Tennessee Aug. 2, 1879
Rear Adm. Christopher R. P. Rodgers-----	New York June 13, 1881
Capt. Francis M. Ramsay-----	DC., Pa. Nov. 14, 1881
Commander William T. Sampson-----	New York Sept. 9, 1886
Capt. Robert L. Phythian-----	Pa. Ken. June 13, 1890
Capt. Philip H. Cooper-----	New York Nov. 15, 1894
Rear Adm. Frederick V. McNair-----	Pennsylvania July 15, 1898
Commander Richard Wainwright-----	DC., Son of officer Mar. 15, 1900
Capt. Willard H. Brownson-----	New York Nov. 6, 1902
Rear Adm. James H. Sands-----	DC., Md. July 1, 1905
Capt. Charles J. Badger-----	Md., at Annapolis July 15, 1907
Capt. John M. Bowyer-----	Ind., Iowa June 10, 1909
Capt. John H. Gibbons-----	Michigan May 15, 1911
Capt. William F. Fullam-----	New York Feb. 7, 1914
Capt. Edward W. Eberle-----	Texas, Ark. Sept. 20, 1915
Capt. Archibald H. Scales-----	North Carolina Feb. 12, 1919
Rear Adm. Henry B. Wilson-----	New Jersey July 5, 1921
Rear Adm. Louis M. Nulton-----	Virginia Feb. 23, 1925
Rear Adm. Samuel S. Robison-----	Pennsylvania June 16, 1928
Rear Adm. Thomas C. Hart-----	Michigan May 1, 1931
Rear Adm. David F. Sellers-----	Texas, N.M. June 18, 1934
Rear Adm. Wilson Brown-----	Pa., N.J. Feb. 1, 1938
Rear Adm. Russell Willson-----	N.Y., Wyoming Feb. 1, 1941
Rear Adm. John R. Beardall-----	Florida Jan. 31, 1942
Vice Adm. Aubrey W. Fitch-----	Michigan Aug. 16, 1945
Rear Adm. James L. Holloway, Jr.-----	Ark., Texas Jan. 15, 1947

above notations
are place of birth and
state from which appointed



BOARD OF VISITORS 1948

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Dr. James P. Baxter, III	Hon. William Preston Lane, Jr.
Reverend John J. Cavanaugh, C. S. C.	Dr. Frederick A. Middlebush ¹
Mr. Richardson Dilworth	Mr. J. W. Powell

Dr. Rufus B. von KleinSmid

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Senator Harry F. Byrd ²	Senator Edward V. Robertson ²
Senator Chan Gurney ²	Senator Leverett Saltonstall ²

Senator Millard E. Tydings ²

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Representative Willis W. Bradley	Representative Lansdale G. Sasscer ²
Representative Omar Burleson	Representative Hugh D. Scott, Jr.

Capt. W. G. COOPER,
United States Navy,
Secretary to the Board of Visitors.

¹ Chairman.

² Were not present.



DEPARTMENTAL ASSIGNMENTS OF OFFICERS AND CIVILIAN INSTRUCTORS ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1948-49

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Capt. William G. Cooper, *Secretary, Academic Board, and Aide.*

Commander James J. Southerland, *Aide and Flag Secretary.*

Commander Thomas D. Cunningham, *Aide and Flag Lieutenant.*

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Lt. Walter Schauer.

Lt. John F. Duffell.

Lt. Oscar A. Schultz.

Lt. Marie B. Kelleher (W.), N. R., *Public Information Officer.*

Lt. (jg) Willard D. Hoot, *Legal Officer and Legal Assistance Officer.*

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Prof. William S. Shields, A. B., M. A., Ph. D., *Assistant Secretary, Academic Board, and Educational Advisor.*

Richard E. Heise, *Chief Clerk and Assistant to Secretary, Academic Board.*

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Commander Hugh Q. Murray.

Commander Norvell G. Ward.

Commander Fletcher Hale.

Commander John E. Pace.

Commander Eugene P. Rankin.

Commander Elvin C. Ogle.

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Lt. Comdr. LeRoy B. Fraser, Jr.

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Lt. Comdr. John A. Gommengenger.

Lt. Comdr. James W. Wyrick.

Lt. Earl E. Buckwalter.

Lt. Leonard E. Field.

Lt. Edward F. Kenney.

Lt. Richard R. Law.

Lt. Russell S. Eaton.

Lt. Robert B. Kitt.

Lt. (jg) George Cole.

Ensign Francis X. Kern, III.

Ensign Charles A. Kiser.

Ensign Wirt C. Thayer.

Ensign Donald L. Shield.

The Academic Board consists of the Superintendent, the Commandant of Midshipmen, and the heads of departments with an asterisk () following their respective departmental designations.

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 Commander Charles W. Stevenson (S. C.), (ret.), *Assistant to Midshipmen's Storekeeper and Officer in Charge of Naval Academy Dairy.*
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 Lt. Woodrow T. Walker (S. C.).
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 Lt. (jg) Edward E. Beasley (S. C.).
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 Chief Musician Alfonso Schifanelli, *Second Leader of Naval Academy Band.*
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	Chief Boatswain John G. Gilyard.

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Commander William T. Kinsella.	Commander Rosewell P. Bowles, N. R.
Commander Fred E. Wexel.	Commander Kendall E. Read, N. R.
Commander Edwin T. Hughes.	Commander Richard C. Turner, Jr., N. R.
Commander William S. Finn.	Lt. Comdr. David S. Bill.
Commander Richard S. Harlan.	Lt. Comdr. Chester F. Pinkerton.
Commander David B. Cohen.	Lt. Comdr. Henry J. Brantingham.
	Lt. Comdr. James M. Robertson.

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 Lt. Comdr. Charles A. McHose, N. R.
 Lt. Comdr. Paul H. Burkhardt, N. R.
 Lt. Comdr. Arleigh H. Markham, N. R.
 Lt. Comdr. Elbert N. McWhite, N. R.
 Lt. Paul A. Tickle.
 Lt. John A. Anders.
 Lt. John W. Wagenseil, N. R.
 Ensign John J. Dougherty.
 Ensign Robert E. Lee.
 Ensign Louis M. Brizzolara, Jr.
 Ensign John T. Geary.
 Ensign William C. Newell.
 Ensign James S. Brunson.
 Ensign John A. Fletcher.
 Ensign Charles E. Hathaway.
 Ensign Marvin D. Marsh.
 Ensign John W. McCord.
 Ensign Richard E. Nicholson.
 Ensign Alonzo M. Poteet, Jr.
 Ensign Robert H. Searle.
 Ensign Thomas Woods, II.
 Lt. Comdr. Allen B. Zerfoss (S. C.).
 Lt. Comdr. William C. Richardson
 (S. C.).
 Lt. Alan J. White (S. C.).

Lt. Col. Clarence A. Langford, U. S. A.
 Senior Prof. Earl W. Thomson, A. B.,
 A. M.
 Prof. David G. Howard, B. S., E. E.
 Prof. John C. Gray, A. B., A. M.
 Prof. John L. Daley, B. S., M. S. in
 E. E., Ph. D.
 Associate Prof. Ralph A. Goodwin,
 A. B., M. S., Ph. D.
 Associate Prof. Henry H. Baker, Jr.,
 A. B., M. S., Ph. D.
 Associate Prof. Earl R. Pinkston, B. S.
 Assistant Prof. Joseph F. Paydon, B. A.,
 M. A., Ph. D.
 Assistant Prof. Edward J. Cook, B. Ch.
 E., M. S.
 Assistant Prof. Winfield D. Pennington,
 B. Ch. E.
 Assistant Prof. J. Ross Heverly, B. S.,
 M. S., Ph. D.
 Assistant Prof. Glenn E. Leydorf, B.
 Engr.
 Assistant Prof. Robert E. Trumble, Jr.,
 B. S., M. S.
 Assistant Prof. William M. Smedley,
 B. S., M. S.
 Assistant Prof. John A. Lee, Jr., B. C.
 E., M. C. E.
 Assistant Prof. Walter C. Connolly,
 A. B., M. S.
 Assistant Prof. Peter A. Hall, B. A.,
 M. S.
 Assistant Prof. John F. Kelley, Jr.,
 B. S., M. S.
 Assistant Prof. John R. Smithson, B. S.,
 M. S.
 Assistant Prof. Joseph K. Fleming, B. S.,
 M. Ed.
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 Jr., B. S.

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 Commander James H. Howard, *Executive Officer*.
 Commander Francis M. Gambacorta.
 Lt. Comdr. Robert L. Scott, N. R.
 Lt. Comdr. William W. Evans, N. R.

Commander Richard L. Myers (S. C.).
 Commander Robert F. Lynch (S. C.).
 Lt. Comdr. John M. Gore (S. C.).
 Lt. Comdr. Frederick D. Harrison
 (S. C.).
 Lt. Carlos H. Handforth, Jr. (S. C.).
 Senior Prof. Royal S. Pease, A. B.

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Associate Prof. Richard S. West, Jr., B. A., M. A.	Assistant Prof. Frederick G. Holahan, A. B., M. A.
Associate Prof. Elmer B. Potter, B. A., M. A.	Assistant Prof. Hope H. Lumpkin, B. A., M. A.
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Associate Prof. John C. Reed, B. A., B. Litt.	Assistant Prof. William B. Prendergast, A. B., A. M.
Associate Prof. Neville T. Kirk, B. A., M. A.	Assistant Prof. Herman O. Werner, A. B., A. M., Ph. D.
Associate Prof. Arthur S. Pitt, B. A., M. A., Ph. D.	Assistant Prof. John P. Boatman, A. B., M. A.
Associate Prof. Ellery H. Clark, Jr., A. B.	Assistant Prof. Paul C. Dunleavy, A. B., M. A.
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Associate Prof. Douglas R. Lacey, A. B., M. A.	Assistant Prof. John R. Probert, A. B., M. A.
Associate Prof. William W. Jeffries, A. B., M. A., Ph. D.	Assistant Prof. James H. F. Brewer, B. A., M. A.
Associate Prof. Elmer J. Mahoney, A. B., LL. B.	Assistant Prof. Thomas Boyajy, B. A., M. A.
Associate Prof. Edwin M. Hall, B. A., M. A.	Assistant Prof. Winston B. Lewis, A. B., M. A., Ph. D.
Assistant Prof. James T. Pole, B. A., M. A.	Assistant Prof. Robert H. Newall, B. A., M. A.
Assistant Prof. Haney H. Bell, Jr., A. B.	Assistant Prof. Rocco M. Paone, A. B., M. A.
Assistant Prof. Charles L. Crane, Jr., A. B., M. A.	
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Assistant Prof. William H. Russell, A. B., M. A.	
Assistant Prof. Wilson L. Heflin, A. B., M. A.	

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Commander Dana B. Cushing, <i>Executive Officer.</i>	Senior Prof. Homer B. Winchell, A. B., A. M.
Commander William J. Giles, Jr.	Prof. George E. Starnes, A. B.
Commander Ralph J. Michels.	Prof. Angel Cabrillo-Vazquez, B. S., A. M.
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Assistant Prof. William X. Walsh, B. A.	Assistant Prof. John A. Hutchins, B. A., M. A.
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Commander Kenneth G. Schacht.	Assistant Prof. Raymond Swartz, B. S.
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Ensign William J. McClain.	Assistant Prof. Chester W. Phillips, B. S.
Ensign Arthur L. Markel.	Assistant Prof. John N. Rammacher, B. S.
Lt. Comdr. Robert Penington, Jr. (M. C.). ¹	Assistant Prof. Karl A. Kitt, B. S.
2nd Lt. Leon C. Bramlett, Jr., U. S. M. C.	Assistant Prof. Harvey A. Muller, Jr., B. S., A. M.
Associate Prof. Frank J. Sazama.	Assistant Prof. Willis P. Bilderback, Litt. B., Ed. M.
Associate Prof. Henry Ortland, Jr.	Assistant Prof. Andre R. Deladrier, B. S., M. A.
Associate Prof. John N. Wilson.	
Associate Prof. Tom G. Taylor.	
Associate Prof. Frank L. Foster.	

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¹ Additional duty in department of hygiene.

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Edgar E. Miller, A. B., A. M., Ph. D., <i>Assistant Director of Athletics.</i>	D. Robert Ingalls, B. S. James J. Manning.
Max F. Bishop.	William H. Moore, III, A. B.
Henry V. Bradford, B. S.	Alan J. Richards, B. S.
John C. Donohue, B. S.	George H. Sauer, B. S., M. A.
Joseph Fiems.	Earl J. Thomson, B. S.
Raymond E. Gadsby, B. S. Ed.	J. Robert Williams.

DEPARTMENT OF HYGIENE*

Capt. William W. Hargrave (M. C.), *Head of Department.*

PUBLIC WORKS DEPARTMENT

Capt. Horace B. Jones (C. E. C.), <i>Public Works Officer.</i>	Commander Harry H. Bagley (C. E. C.). Ensign Leland A. Daub (C. E. C.).
Commander Joseph A. McHenry (C. E. C.).	

SUPPLY DEPARTMENT

Commander Albert Konigsberg (S. C.), <i>Supply Officer.</i>	Lt. (jg) Donald F. Baumgartner (S. C.). Ensign Warren H. Ortland (S. C.).
Lt. Comdr. William H. Storck (S. C.).	Chief Pay Clerk Alvah Lanning, Jr.

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Capt. William W. Hargrave (M. C.), <i>Senior Medical Officer.</i>	Lt. (jg) Jerome B. Tichner (M. C. R.) N. R.
Capt. Clarence L. Blew (M. C.).	Lt. (jg) Arthur B. Dubois (M. C. R.), N. R.
Commander Edward A. Hynes (M. C.).	Lt. John A. Sheets (M. S. C.).
Lt. George H. Tarr, Jr. (M. C.).	Lt. (jg) Frank A. Bruce (M. S. C.).
Lt. (jg) James H. Manly, Jr. (M. C. R.), N. R.	Lt. (jg) Joseph W. Schurhammer (M. S. C.).
Lt. (jg) Gerald A. Martin (M. C. R.), N. R.	

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Capt. Daniel W. Ryan (D. C.), <i>Senior Dental Officer.</i>	Commander James P. Donnelly (D. C.). Commander Frank T. Wais (D. C.).
Commander Caryl J. Hoffer (D. C.).	Lt. Comdr. William A. Aldridge (D. C.).
Commander Myron G. Turner (D. C.).	Lt. Comdr. Harry H. Fridley (D. C.).
Commander William B. Johnson, Jr. (D. C.).	Lt. Comdr. Robert L. Joseph (D. C.).
Commander Walter B. Lett (D. C.).	Lt. Dillard P. Eubank, Jr. (D. C.).
Commander Kenneth L. Longeway (D. C.).	Lt. Oscar C. Tack (M. S. C.).

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Commander Everett P. Wuebbens (Ch. C.), *Chaplain.*
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MUSEUM

Capt. Harry A. Baldridge, (ret.), *Director*.

LIBRARY

Associate Prof. Louis H. Bolander, A. B., *Librarian*.

U. S. NAVAL STATION

Capt. Charles L. Freeman, <i>Commanding Officer; additional duty as Commanding Officer, Naval Barracks, U. S. S. "Reina Mercedes" (IX 25)</i> .	Lt. (jg) Warren A. Wright.
Comdr. Donald I. Thomas, <i>Executive Officer; additional duty as Executive Officer, Naval Barracks, U. S. S. "Reina Mercedes" (IX 25)</i> .	Lt. (jg) Junius J. Clarkson, Jr.
Lt. Comdr. James F. Moore, N. R.	Commander Harry F. Lenhardt (M. C.).
Lt. Comdr. Charles A. Hoffman, N. R.	Lt. (jg) Charles A. S. Phillips (M. C.).
Lt. Clyde D. Bailey.	Lt. (jg) Albert V. Gude (M. C. R.), N. R.
Lt. Joseph E. Linskey.	Lt. (jg) Albert H. Dudley, Jr. (M. C. R.), N. R.
Lt. Frank Siatkowski, (ret.).	Lt. Comdr. Cyrus D. Smith (D. C.).
Lt. (jg) Charles C. Hagner.	Lt. (jg) John A. Johnson, Jr. (D. C. R.), N. R.
Lt. (jg) Joseph A. Glass.	Lt. Robert K. Honadle (S. C.).
Lt. (jg) Alonzo E. Belch, Jr.	Lt. (jg) George N. Wade (S. C.).
	Lt. Charles H. Hey (Ch. C.).
	Chief Carpenter Sharritt E. Baker.
	Acting Pay Clerk Homer L. Haughey.

U. S. NAVAL BARRACK:

Lt. William E. Shelton.	Ensign John W. Bossert, Jr.
Lt. Walter A. Parsons.	Chief Boatswain Emmitt L. Wilson.
Lt. Salvatore A. Luppino.	Chief Gunner Coyte A. Wike.
Lt. (jg) Matt T. Kershall.	

MARINE BARRACKS, U. S. NAVAL STATION

Lt. Col. George H. Ford, U. S. M. C., <i>Commanding Officer</i> .	1st Lt. Frederic A. Hale, Jr., U. S. M. C., <i>Executive Officer</i> .
	1st Lt. John A. Waters, U. S. M. C.

U. S. NAVAL AIR FACILITY

Commander Robert S. Riddell, <i>Commanding Officer</i> .	Lt. (jg) Edwin L. Ryan.
Lt. Comdr. Wilbur K. Karter, <i>Executive Officer</i> .	Lt. (jg) Clayton L. Krejci.
Lt. Comdr. Chester D. Rogers.	Lt. (jg) Donald H. Nitz.
Lt. Donald C. Staley.	Lt. (jg) Arthur Neill.
Lt. Howard J. Spencer.	Lt. (jg) Charles N. Stem.
Lt. Theodore Elefter.	Lt. (jg) Milton B. Moreland.
Lt. Edwin D. Brock.	Lt. (jg) Richard Conlan.
Lt. William E. Behringer.	Lt. (jg) George P. Matherson.
Lt. Russel O. Reich.	Lt. (jg) John C. McCabe.
Lt. Herbert E. Reynolds.	Lt. (jg) Warren H. Miles.
Lt. Francis H. Markey.	Lt. (jg) Ernest "G" Greene.
Lt. Robert N. Jolliffe, N. R.	Lt. (jg) Robert H. Lenson, Jr.
	Lt. (jg) Gordon D. Bradberry.
	Chief Machinist John F. Rowan.

U. S. NAVAL AIR ACTIVITIES

Commander Thomas K. Wright, <i>Commanding Officer.</i>	Lt. Francis C. Forsberg.
Commander Kenneth P. Hance, <i>Executive Officer.</i>	Lt. (jg) Noble L. Taber.
Lt. Comdr. Ray C. Tylutki.	Lt. (jg) Bernard P. Crossno.
Lt. Paul H. Simdars.	Lt. (jg) David Hendry.
Lt. Charles H. Sordyl.	Lt. (jg) Donald E. Walport.
Lt. Harrell H. Scales.	Lt. (jg) "J" "W" Dillon.
Lt. Franklin L. Sivills.	Lt. (jg) Thomas F. McGill.
Lt. John R. Willey.	Lt. (jg) Roger W. Robb.
Lt. William F. Harris.	Chief Machinist Jesse G. Speer.
Lt. Bill B. Holt.	Chief Machinist Herschel B. Daniels.
Lt. James F. Donnelly.	Chief Carpenter Dean W. Priest.
	Chief Carpenter Leroy N. Wood.
	Chief Ship's Clerk Ralph E. Marcoot.

U. S. NAVAL SMALL CRAFT FACILITY

Lt. Comdr. Harvey J. Smith, Jr., <i>Commanding Officer.</i>	Lt. (jg) Jake Urech.
Lt. Harry A. Guthrie, <i>Executive Officer.</i>	Chief Electrician Thomas Brader.
Lt. Charles A. Miller.	Chief Machinist George J. Carlin.
Lt. (jg) John Mihalko.	Chief Carpenter John Skranski.

U. S. NAVAL HOSPITAL

Capt. Benjamin H. Adams (M. C.), <i>Medical Officer in Command.</i>	Lt. Comdr. Bertha M. Kirk (N. C.).
Capt. Walter F. James (M. C.), <i>Executive Officer.</i>	Lt. Maxine E. Kirkpatrick (N. C.).
Capt. Jesse W. Miller (M. C.).	Lt. Helen C. Kusenberg (N. C.).
Capt. Paul K. Perkins (M. C.).	Lt. Hazel S. Parnell (N. C.).
Commander Eugene P. Harris (M. C.).	Lt. Anna E. Redding (N. C.).
Commander George N. Schiff (M. C.).	Lt. (jg) Sarah E. Adams (N. C.).
Commander George M. Davis, Jr. (M. C.).	Lt. (jg) Mary O'Neill (N. C.).
Commander Ernest R. Moeller (M. C.).	Lt. (jg) Helen Polohovich (N. C.).
Lt. (jg) James "K" Van A. Willson (M. C.).	Lt. (jg) Nancy M. Black (N. C.).
Lt. (jg) Richard H. Shepard (M. C. R.), N. R.	Lt. (jg) Mary T. Gilfedder (N. C. R.), N. R.
Lt. (jg) Nicholas M. Greene (M. C. R.), N. R.	Ensign Mary A. Holmes (N. C.).
Lt. (jg) Ferial R. Morrisette (M. S. C.).	Ensign Margaret M. Hurney (N. C.).
Lt. (jg) Glenn F. Williams (M. S. C.).	Ensign Virginia P. Jordan (N. C.).
Lt. (jg) Roy F. Creech (M. S. C.).	Ensign Wilma M. Jorgensen (N. C.).
Chief Warrant Officer Frank P. Cottini (H. C.).	Ensign Helen Nulty (N. C.).
	Ensign Alice Pushinsky (N. C.).
	Ensign Jessie Sagul (N. C.).
	Ensign Martha L. Gabuzda (N. C. R.), N. R.

MIDSHIPMAN OFFICERS AND PETTY OFFICERS 1947-48

FINAL DETAIL

Effective March 13 to June 4, 1948

BRIGADE COMMANDER AND STAFF

Midshipman Capt. Scott, R. U. (a) (16)----- Brigade commander.
Midshipman Commander Schwoeffermann, R. E. Deputy commander.
(a) (23).
Midshipman Lt. Comdr. Foulds, D. D. (a) (2)----- Operations officer.
Midshipman Lt. McCurdy, F. M., Jr. (a) (4)----- Adjutant.
Midshipman Lt. Styer, R. T. (b) (12)----- Supply officer.
Midshipman Lt. Kanakanui, W. A., Jr. (c) (16)----- Communications officer.
Midshipman Chief Petty Officer Laubendorfer, W. J. National color bearer.
(23).
Midshipman Chief Petty Officer Moore, H. B. (23)--- Brigade color bearer.

FIRST REGIMENT COMMANDER AND STAFF

Midshipman Commander Shimshak, R. E. (b) (10)-- Regimental commander.
Midshipman Lt. Comdr. Davis, J. M. (c) (5)----- Operations officer.
Midshipman Lt. Marsh, M. D. (d) (4)----- Adjutant.
Midshipman Lt. (jg) Chew, R. S., Jr. (5)----- Supply officer.
Midshipman Ensign Wright, D. L. (4)----- Communications officer.
Midshipman Chief Petty Officer Orr, F. W., Jr. (1)--- National color bearer.
Midshipman Chief Petty Officer Small, W. N. (1)---- Regimental color bearer.

SECOND REGIMENT COMMANDER AND STAFF

Midshipman Commander Smith, R. N. (c) (17)----- Regimental commander.
Midshipman Lt. Comdr. Hoffman, G. L. (b) (24)----- Operations officer.
Midshipman Lt. Barton, W. H., Jr. (e) (19)----- Adjutant.
Midshipman Lt. (jg) Russell, R. K. (22)----- Supply officer.
Midshipman Ensign Callahan, J. E., Jr. (14)----- Communications officer.
Midshipman Chief Petty Officer Crosby, J. S., Jr. (20)- National color bearer.
Midshipman Chief Petty Officer Brendle, W. G. (20)-- Regimental color bearer.

BUGLE CORPS STAFF

Midshipman Lt. Stanley, T. E. (jj) (19)----- Corps commander.
Midshipman Lt. (jg) Bavle, J. R. (3)----- Subcommander.
Midshipman Chief Petty Officer Bowersox, F. L. (22)- Chief petty officer.

FIRST BATTALION

Midshipman Lt. Comdr. Strahley, C. G. (d) (1)----- Battalion commander.
Midshipman Lt. Marshall, G. W. (k) (4)----- Executive officer.
Midshipman Lt. (jg) Dunn, S. W., Jr. (3)----- Adjutant.
Midshipman Ensign Alexander, T. E. (4)----- Supply officer.
Midshipman Chief Petty Officer Moore, W. V. (4)--- Chief petty officer.

SECOND BATTALION

Midshipman Lt. Comdr. Quinn, P. L. (e) (6)----- Battalion commander.
 Midshipman Lt. Bates, R. W. (h) (7)----- Executive officer.
 Midshipman Lt. (jg) Suttill, F. J., Jr. (6)----- Adjutant.
 Midshipman Ensign Rees, W. L. (5)----- Supply officer.
 Midshipman Chief Petty Officer Berggren, R. E. (8)- Chief petty officer.

THIRD BATTALION

Midshipman Lt. Comdr. Woods, T., II (f) (9)----- Battalion commander.
 Midshipman Lt. Moore, B. A., Jr. (f) (10)----- Executive officer.
 Midshipman Lt. (jg) True, H. A. (10)----- Adjutant.
 Midshipman Ensign Key, H. N., Jr. (9)----- Supply officer.
 Midshipman Chief Petty Officer Ross, T. A. (11)---- Chief petty officer.

FOURTH BATTALION

Midshipman Lt. Comdr. Carson, R. R. (h) (13)----- Battalion commander.
 Midshipman Lt. Mertz, C., 3rd (g) (13)----- Executive officer.
 Midshipman Lt. (jg) Hanby, R. W., Jr. (15)----- Adjutant.
 Midshipman Ensign Balzer, G. T. (14)----- Supply officer.
 Midshipman Chief Petty Officer Cochran, R. A. (14)- Chief petty officer.

FIFTH BATTALION

Midshipman Lt. Comdr. Hathaway, C. E. (g) (19)--- Battalion commander.
 Midshipman Lt. Morrow, R. C. (j) (18)----- Executive officer.
 Midshipman Lt. (jg) Sherrill, P. N. (17)----- Adjutant.
 Midshipman Ensign Neely, R. R., Jr. (18)----- Supply officer.
 Midshipman Chief Petty Officer Markel, A. L. (18)-- Chief petty officer.

SIXTH BATTALION

Midshipman Lt. Comdr. Barnes, W. H. III (i) (24)--- Battalion commander.
 Midshipman Lt. Welsh, J. K., Jr. (i) (23)----- Executive officer.
 Midshipman Lt. (jg) Resch, E. F. (22)----- Adjutant.
 Midshipman Ensign Corson, D. H., Jr. (22)----- Supply officer.
 Midshipman Chief Petty Officer Treadwell, K. M. (22)- Chief petty officer.

Midshipman officers and petty officers—Continued

Rank	First Company	Second Company	Third Company	Fourth Company	Fifth Company	Sixth Company
Midshipman lieutenant.	Stringfellow, H. R., Jr. (il).	Buehanan, D. G. (hb).	Fraser, I. N. (u)	Vance, R. C. (v)	Klinefelter, J. W. (x)	Adams, R. C. (ee).
Midshipman lieutenant (ig)	Sawyer, W. G.	Alt, W. L.	Castle, E. C.	Barlow, W. R.	Herlihy, J. D., Jr.	Duncan, R. T., Jr.
Midshipman chief petty officer.	Strother, J. W.	Chadless, M. L.	Reen, R. D.	Duncan, R. D.	Blizard, F. H.	Niland, K.
Midshipman lieutenant (ig)	Tobin, R. G., Jr.	Reading, D. A.	Cullivan, D. W.	Day, J. C., Jr.	Bodmer, R. V.	Stephens, D. R.
Midshipman ensign.	Bell, G. M., Jr.	McKeehnie, R. R.	Fleming, E. B.	Hansen, D. B.	Cuddy, T. W.	Spalding, T. C.
Do.	Moore, J. R., Jr.	Crumpton, J. R., Jr.	Pittman, R. C.	Struyk, R.	Lewis, C. L.	Chaffor, R. G.
Midshipman first petty officer.	White, J. P.	Stacy, E. F.	Myriek, J. E.	Conable, J. H.	Bruer, J. W.	Bradley, C. S.
Do.	Eastlerin, W. F., Jr.	Graham, W. C., Jr.	Sheehan, C. A.	Castrooeto, N. A.	Hamlin, D. R.	Whitmore, C. A., Jr.
Do.	Tagliente, J. P.	Gleason, L. E.	Remson, H.	McManus, E. A.	Huss, K. H., Jr.	Pyle, R. O., Jr.
Midshipman second petty officer.	Huntington, R. D., Jr.	Lane, C. M.	Cowden, J.	Wagenfield, Q. W.	Evans, W. H., Jr.	Gaylord, S. W., Jr.
Do.	Hernandez, L. C., Jr.	Bellflower, H. E., Jr.	Albanese, A. A.	Melver, D. A.	Montalvo, J. L.	Bilderbaek, O. J.
Do.	Dupree, J. W., Jr.	Hanlon, K.	Hallman, A. B.	Sherwood, J. N.	Kleinman, B. H.	Barber, R. P.
Do.	Zimmerman, J. P.	Clithero, J. D.	Dickey, R. R., III		Martenson, P. V.	Thornhill, D. R.
Do.		Bryant, P. G.	Morris, D. R.			Robinson, R. W.
Do.		diLorenzo, L. V.				Lewis, W. W., Jr.
Do.		Hines, C. W.				
Do.		Chipman, W. T., Jr.				
Midshipmen second class.						
Midshipman second petty officer.	Kint, J. R.	Diitto, C. L.	Chambers, J. H. L., Jr.	Schiweek, K. W.	Walters, J. T.	Horne, R. E., Jr.
Do.	Furth, J. L., Jr.	Briggs, E. S.	Whiteside, R. E.	Kraus, W. J.	Dixon, J. C.	Labor, W. G., Jr.
Do.	Adkins, E. C.	Latham, D. M.	Hotehkiss, C. A., II.	Leeher, T. F.	Read, W. G., Jr.	Sehman, E. P.
Do.	Dismlukes, H. E.	Forbes, H. P.	Leyerle, J. F.	Green, J. W.	Atkins, A. J. M.	Miller, B. J.
Do.	Baker, R. F.		Owens, A. J.	Brown, W. A.	Emerson, S.	Grant, W. C., Jr.
Do.	Brooks, G. S.		Stegemerten, L. R.	Swecker, C. E.	McElroy, R. L.	Maehell, R. M.
Do.	Potter, W. W.		Vice, J. H.	Juncker, J. R.	Sweetzer, H. F., Jr.	
Do.	Aljoe, R. B.			Vogele, W. A.	Lawrence, R. T.	
Do.				Friend, J. C.		

Midshipman officers and petty officers—Continued

Rank	Seventh Company	Eighth Company	Ninth Company	Tenth Company	Eleventh Company	Twelfth Company
Midshipman lieutenant.	McCord, J. W. (q)-----	Wegner, W. (r)-----	DeGoede, J. (gg)-----	Nelson, F. L. (s)-----	Ghormley, R. L., Jr. (z).-----	Harris, H. S., Jr. (aa).-----
Midshipman lieutenant (jg)-----	Hawe, S. R.-----	Eaton, R. O., Jr.-----	Gabriel, W. S.-----	Pierson, W. C.-----	Paciulli, O. C., Jr.-----	Lipschutz, H. B.-----
Midshipman chief petty officer.	Moss, E. C.-----	Wulitzer, R. E.-----	Kays, J. C.-----	Law, J. P.-----	Daley, B. L.-----	Gurman, H.-----
Midshipman lieutenant (jg)-----	Lafferty, F. R., Jr.-----	Dittmar, W. D.-----	Rogers, J. P., Jr.-----	Fisher, W. R., Jr.-----	Roulston, A. T.-----	Wilson, T. B., Jr.-----
Midshipman ensign.	Howard, L. R.-----	Carroll, R. G.-----	Blakney, W. T.-----	Ross, E. H., Jr.-----	Mulbry, L. W.-----	Kay, H. N.-----
Do.	Eyler, E. M.-----	Anderson, G. A.-----	Burton, R. S.-----	Zacharias, E. M., Jr.-----	Smusyn, C. W.-----	Rudzis, E. M.-----
Midshipman first petty officer.	Johnson, F. C.-----	Borchert, W. H.-----	Duncan, N. L.-----	Wainwright, R. E.-----	Ransom, C. E., Jr.-----	Holder, H. S.-----
Do.	Ellis, D. A., Jr.-----	Searle, R. H.-----	Arnold, W. S. M.-----	Smeds, J. H.-----	O'Keefe, K.-----	Bullington, N. W., Jr.-----
Do.	McCallum, E. A., Jr.-----	White, W. P.-----	Smith, M. M.-----	McKinley, M. M., Jr.-----	Evasovich, J.-----	Tatum, R. M.-----
Midshipman second petty officer.	Matthews, F. E.-----	McFarland, M. C.-----	Hendrix, L. M.-----	Allen, H. E.-----	Davenport, J. E., Jr.-----	Shimmel, A. F.-----
Do.	Gray, E. J.-----	Lyle, R. B.-----	Russell, J. A.-----	Johnson, H. B.-----	Goodwin, H. H., Jr.-----	Sullivan, G. H., Jr.-----
Do.	Tsknas, J. C.-----	Wear, M. A.-----	Abel, P. F.-----	Cox, J. A.-----	Townsend, H. N.-----	Kline, H. S.-----
Do.	Schofield, A. R., Jr.-----	Searson, R. A.-----	Menkes, M.-----	Conerford, J. N.-----	Norton, M. L.-----	Delling, L. V.-----
Do.	Dowd, B. S., Jr.-----	Baruch, J.-----	Hamilton, H. C., Jr.-----	Henderson, R. I.-----	Rennacker, H. E.-----	Goodwin, G. E.-----
Do.	Walchko, D. P.-----	Bartnes, R., Jr.-----	Adair, H. D., Jr.-----	-----	Behrens, D. R.-----	Robiner, H. L.-----
Do.	White, J. F., Jr.-----	Mercer, R. B.-----	Jay, L. A., Jr.-----	-----	-----	Pester, B. H.-----
Do.	-----	-----	-----	-----	-----	Wilkes, G., III.-----
Midshipmen second class:	-----	-----	-----	-----	-----	-----
Midshipman second petty officer.	Glendinning, F. S.-----	James, R. C.-----	Williams, R. P.-----	Jenks, A. L., Jr.-----	Phares, M. E.-----	Haley, J. V.-----
Do.	Lide, T. E., Jr.-----	Roman, P. D.-----	Tift, T. W., Jr.-----	Peterson, R. J.-----	Vonable, J. D.-----	Zekan, C. J.-----
Do.	Thomson, A. D.-----	Davis, C. G.-----	Allen, D. S.-----	Taylor, R. W.-----	Wall, O. A.-----	Egan, H. W.-----
Do.	Larson, N. O.-----	Venning, E., Jr.-----	Ince, E. S., Jr.-----	Wynne, W. E.-----	Claytor, R. A.-----	Cohen, A. G.-----
Do.	Bajus, J. C.-----	Devine, L. H.-----	English, J. L.-----	Sain, F. C.-----	Ruggieri, A. R.-----	-----
Do.	-----	-----	-----	McCoy, E. J.-----	Kilcline, T. J.-----	-----
Do.	-----	-----	-----	McCoy, J. C.-----	-----	-----

Midshipman officers and petty officers—Continued

Rank	Thirteenth Company	Fourteenth Company	Fifteenth Company	Sixteenth Company	Seventeenth Company	Eighteenth Company
Midshipman lieutenant.	Schultz, R. A. (y)-----	Poteet, A. M., Jr. (m)-----	Smith, D. M. (bb)-----	Nicholson, R. E. (dd)-----	Hatmaker, D. B. (ff)-----	Wells, E. N. (cc)-----
Midshipman lieutenant (ig).	Brunson, J. S.-----	Bowers, E. S.-----	Halladay, N. L.-----	Gracey, J. L.-----	Becker, J. T.-----	Schneider, R. D.-----
Midshipman chief petty officer.	Speer, W. A., Jr.-----	Abromitis, W., Jr.-----	Noblet, E. J.-----	Billingsley, P. P.-----	Villarreal, C. C.-----	Hurt, D. A., Jr.-----
Midshipman lieutenant (ig).	Loeffler, A. L.-----	Axtell, E. M., Jr.-----	Frothingham, E., Jr.-----	Kunin, S. L.-----	Supancic, E. P.-----	Jackson, F. D., Jr.-----
Midshipman ensign.	Clas, R. J.-----	Keen, W. H.-----	Chiara, M. A.-----	Tiernan, F. S.-----	McLaughlin, E. F., Jr.-----	Dunwoody, K. W., Jr.-----
Do.	Frahler, A. L.-----	Duncan, E. F.-----	Shook, C. J., Jr.-----	Gornik, R. I.-----	Wright, G. S.-----	Rogers, E. B., Jr.-----
Midshipman first petty officer.	Taylor, B. C.-----	Robbins, J. W.-----	Clark, W. S., Jr.-----	Kilduff, T. F., Jr.-----	Cartier, C. C., Jr.-----	Smith, R. C., Jr.-----
Do.	Vinsel, J. E.-----	Fogarty, F. C.-----	Grady, M. R.-----	Springe, R. J.-----	Hogan, C. B.-----	Humphrey, H. R.-----
Do.	Carrington, J. H. H.-----	Buck, B. M.-----	Hall, R. N., II.-----	Buechler, R. G.-----	Settle, H. T., Jr.-----	McClure, W. L.-----
Midshipman second petty officer.	Gaffigan, J. P.-----	Cooke, L. R.-----	Sutter, E. J.-----	O'Friel, M. J.-----	Jansen, A. L.-----	Harris, W. H.-----
Do.	Boland, L. J.-----	Mellenkamp, J. I.-----	Conolly, R. C., II.-----	Fletcher, J. A., II.-----	Korb, E. L.-----	Loheed, H. B.-----
Do.	Braley, C. R., Jr.-----	Lawler, P. D.-----	Ambrogio, R. T. F.-----	Gates, H. K., Jr.-----	Lee, R. S., Jr.-----	Hull, T. J., III.-----
Do.	Armstrong, E. S.-----	Spence, R. H.-----	Ross, D. S.-----	Chandler, W. D., 3d.-----	Fluss, R. M.-----	Oberrieder, J. L.-----
Do.	Peterson, J. D.-----	Williams, S. M.-----	Chapline, E. M.-----	King, R. E.-----	Peterson, J. E., Jr.-----	Kelty, K.-----
Do.	Do.-----	Pruner, D. B.-----	Bates, G. M.-----	Do.-----	Nugent, T. H., Jr.-----	McConeghy, J. K., Jr.-----
Do.	Do.-----	Lee, R. L., Jr.-----	Langone, W. N.-----	Do.-----	Melhorn, R. E.-----	Do.-----
Midshipmen second class:	Do.-----	Do.-----	Do.-----	Do.-----	Ikard, W. G., II.-----	Do.-----
Midshipman second petty officer.	Do.-----	Do.-----	Do.-----	Do.-----	Do.-----	Do.-----
Do.	Foster, J. R.-----	Bean, R. W.-----	Barrow, J. C.-----	Clinite, R. C.-----	Sprague, E. T. E.-----	Fallon, M. R.-----
Do.	Riger, R. J.-----	Donohoe, T. J.-----	Benas, G. M., Jr.-----	Burke, J. F.-----	Swanson, C. O.-----	Bernstein, K. J.-----
Do.	Grayson, R. R.-----	Iverson, E. S.-----	Knetz, W. J., Jr.-----	Sample, W. H.-----	Greene, J. L.-----	Counts, S. T.-----
Do.	Nelson, P. S.-----	Anderson, W. B., Jr.-----	Lawler, R. L., Jr.-----	Walker, J. R.-----	Goodacre, R. F., Jr.-----	Baumgarten, H. E., Jr.-----
Do.	Lynch, W. H.-----	Gillam, M. L., Jr.-----	Janer, R.-----	Brown, J. B.-----	Do.-----	Frazer, J. M.-----
Do.	Do.-----	Do.-----	Do.-----	Clark, G., Jr.-----	Do.-----	Linton, T. D.-----
Do.	Wilmoth, E. D.-----	Do.-----	Do.-----	Harper, J. F., Jr.-----	Do.-----	Do.-----
Do.	Bennett, C. E.-----	Do.-----	Do.-----	Do.-----	Do.-----	Do.-----

Midshipman officers and petty officers—Continued

Rank	Nineteenth Company	Twentieth Company	Twenty-first Company	Twenty-second Company	Twenty-third Company	Twenty-fourth Company
Midshipman lieutenant.	Webster, K. B. (n)-----	Moore, S. K. (l)-----	Fowler, C. A., III (t)-----	Bevis, B. W. (w)-----	Ivey, J. M., Jr. (p)-----	Crosby, H. S. (o).-----
Midshipman lieutenant (jg).	Dorris, C. E.-----	Ayers, W. R.-----	Sallada, W. F.-----	Thompson, A. J.-----	Hodson, R. B.-----	Conlter, C. P.-----
Midshipman chief petty officer.	O'Reilly, R. W.-----	Conord, A. E.-----	Thiele, K. R.-----	McIntyre, A.-----	Kenyon, R. E.-----	Wilson, J. A.-----
Midshipman lieutenant (jg).	Jensen, J. L., Jr.-----	Moore, R. B.-----	Damberg, B. V.-----	Rubenstein, R. B.-----	Lee, W. W., Jr.-----	Beatty, R. L.-----
Midshipman ensign.	Caylor, J. D.-----	Dittmann, G. W.-----	Wheeler, R. O.-----	Rardin, H. B.-----	Jones, H. L.-----	Brown, R. W., Jr.-----
Do.	Smith, E. N.-----	Evergan, J. L., Jr.-----	Riggs, G. W.-----	Dorsey, L.-----	Hebden, E. B.-----	Cheesman, T. P.-----
Midshipman first petty officer.	Rogers, W. A., Jr.-----	Berberian, L., Jr.-----	Anderson, R. C.-----	Hall, D. B.-----	Matia, T. E.-----	Garner, S. B.-----
Do.	Johnston, W. E.-----	Gralow, F. H.-----	Benton, H. P., III-----	Rice, E. C.-----	McGibbon, R. S.-----	Palmer, G. L., Jr.-----
Do.	Nolen, D. R.-----	Hartshorn, D. L.-----	Chapman, R. A.-----	Robbins, K. M.-----	Doddy, W. F.-----	Bergeaux, F. E.-----
Midshipman second petty officer.	VanKirk, R. W., Jr.-----	Estes, L. F.-----	Leighton, G. A., Jr.-----	Bolger, P. H.-----	Landis, A., Jr.-----	Moureau, P. R.-----
Do.	Ortlieb, E. J.-----	Goodwin, R. T.-----	Ward, J. F., II-----	Allen, B. G.-----	Perkins, J. M.-----	Henry, A. G., Jr.-----
Do.	Langton, C. H.-----	Engel, G. R.-----	James, J. W.-----	-----	Lowdenslager, J. R.-----	Hintz, W. R.-----
Do.	Nottingham, R. P.-----	McMahon, J. R., Jr.-----	Smith, H. F., Jr.-----	-----	Lea, H. O.-----	DeWitt, D. D.-----
Do.	Meenan, R. H.-----	Holstein, D.-----	Allen, R. C.-----	-----	-----	Sult, C. L., III.-----
Do.	-----	Meyers, E. W.-----	Silvey, J. R.-----	-----	-----	Deibler, D. T.-----
Do.	-----	-----	Levy, E. S., Jr.-----	-----	-----	Kelly, C. J.-----
Do.	-----	-----	Riggins, W. P., Jr.-----	-----	-----	-----
Midshipmen second class:	-----	-----	-----	-----	-----	-----
Midshipman second petty officer.	-----	-----	-----	-----	-----	-----
Do.	McCreight, M. I.-----	McCullough, C. D.-----	Thurber, H. R.-----	Donovan, J. A.-----	Hershner, C. H.-----	Wallace, J. R.-----
Do.	Achee, E. W.-----	Noel, L. M.-----	Allen, M. N.-----	Norman, C. C.-----	Bosley, D. B.-----	Stanfill, D. C.-----
Do.	Zimmerman, E. F., Jr.-----	Carr, A. R.-----	Gauss, M. J., Jr.-----	Rawsthorne, E. A.-----	Lindsey, W. E., Jr.-----	McDonald, I. T., Jr.-----
Do.	Shonsky, S. A.-----	Marquardt, W. E., Jr.-----	DuWaldt, B. J.-----	Kinney, C. M., Jr.-----	Harding, N. D., Jr.-----	Smith, D. A.-----
Do.	Beeler, J. D.-----	Myers, W. A.-----	-----	Weir, W. D.-----	Townsend, J. E.-----	Stromberg, H. A., Jr.-----
Do.	Cartwright, J. P.-----	Ousterhout, D. T.-----	-----	Ellis, A. R.-----	Draim, J. E.-----	-----
Do.	McTammany, J. A.-----	-----	-----	Boggs, P. R., Jr.-----	Sheppe, R. W.-----	-----
Do.	-----	-----	-----	Brown, R. H.-----	D'Ambra, R. F.-----	-----
Do.	-----	-----	-----	Shea, L. A., Jr.-----	-----	-----
Do.	-----	-----	-----	Adams, R. D.-----	-----	-----

NOTE:

Precedence of midshipmen within each grade is shown by letter in parenthesis. Midshipman officers on the staff of an organization are senior to others of the same rank within that organization. Precedence of other midshipmen within each company is as listed.

Number in parenthesis after names in staff details indicates company assignment.

STATISTICAL DATA, CLASS OF 1948, AND GRADUATING CLASSES OF 1948-A AND 1948-B ¹

Membership on entrance:

New admissions.....	1, 025
Ex-midshipmen readmitted with this class.....	38
Turned back from the class of 1947:	
Deficient in studies.....	20
Illness.....	1
	21

Subsequently turned back into this class:

Deficient in studies.....	15
	1, 099

Ex-midshipmen readmitted with this class and advanced to the class of 1947.....

1

1, 098

Separations during fourth class year:

Died.....	2
Honorably discharged:	
Deficient in studies.....	43
Deficient in studies and conduct.....	1
Physically disqualified.....	4

Resignations:

Conduct.....	1
Voluntary.....	12

Turned back into next lower class:

Deficient in studies.....	22
Illness.....	2
	87

Membership at end of fourth class year..... 1, 011

¹ At the end of the Academic Year 1944-45 this class was divided into two groups identified as the class of 1948-A and the class of 1948-B. Those who achieved a relative standing in the upper half of the class as a result of the first year's work were assigned to the class of 1948-A and were graduated in June 1947. Those in the lower half of the class were assigned to the class of 1948-B and were graduated in June 1948. Sixteen bilgers and turn-backs were advanced to the class of 1948-A despite relative standing which placed them in the lower half of the class.

Division of Class

Advanced to the class of 1948-A.....	517
Advanced to the class of 1948-B.....	494
	1, 011
	25

RECAPITULATION OF CLASS OF 1948-A

Membership upon division of class and beginning of second class year, June 1945.....		517	
Turned back from class of 1947:			
Deficient in studies.....	5		
Illness.....	2		
Conduct.....	1		
		8	
			525
Separations from June 1945 to June 1947:			
Dismissed.....	1		
Honorably discharged:			
Deficient in studies.....	3		
Physically disqualified.....	4		
		7	
Resignations:			
Conduct.....	1		
Voluntary.....	16		
		17	25
Membership of class at end of 3-year course, June 6, 1947.....			500
Number graduated, awarded diplomas, and the degree of bachelor of science..			500

The following did not receive commissions:

Found physically disqualified for commission, and honorably discharged upon graduation.....	15		
Colombian.....	1		
Peruvian.....	1		
Number commissioned:			
Ensign, line.....	394		
Ensign, Supply Corps.....	47		
Ensign, Civil Engineering Corps.....	9		
Second lieutenant, U. S. Marine Corps.....	33		
			500

RECAPITULATION OF CLASS OF 1948-B

Membership upon division of class and beginning of third class year, June 1945.....		494	
Ex-midshipmen readmitted with class of 1949 and advanced to this class.....		3	
Ex-midshipmen readmitted with class of 1950 and advanced to this class.....		1	
			498
Separations from June 1945 to June 1948:			
Dismissed.....	1		
Discharged.....	4		
Honorably discharged:			
Deficient in studies.....	16		
Physically disqualified.....	6		
		22	

Separations from June 1945 to June 1948—Continued

Resignations:		
Conduct.....	4	
Voluntary.....	49	
Voluntary, also deficient in studies.....	3	
		56
Turned back into next lower class:		
Deficient in studies.....	5	88
Membership of class at end of 4-year course, June 4, 1948.....		410
Number graduated, awarded diplomas, and the degree of bachelor of science.....		410
The following did not receive commissions:		
Found physically disqualified for commission, and honorably discharged upon graduation.....	4	
Found physically disqualified for commission. Voluntarily resigned pending action on medical survey.....	1	
Ecuadorian.....	1	
Number commissioned:		
Ensign, line.....	323	
Ensign, Supply Corps.....	40	
Ensign, Civil Engineering Corps.....	12	
Ensign, Naval Reserve.....	1	
Second lieutenant, U. S. Marine Corps.....	28	
		410

Attrition from all causes during course

Class:	Percent	Class—Continued	Percent
1940.....	41.0	1947.....	19.4
1941.....	33.7	1948-A ¹ (attrition from date	
1942.....	27.9	of advancement to second	
1943.....	24.2	class until end of course) ..	4.8
1944.....	22.0	1948-B ¹ (attrition from date	
1945.....	18.2	of advancement to third	
1946.....	18.7	class until end of course) ..	17.7

¹ The percentage of losses from the Class of 1948 during fourth class year was 7.9.

MERIT ROLL FOR COMPLETED COURSE AND REPORTS OF RELATIVE STANDING FOR ACADEMIC YEAR 1947-48

Explanation of symbols used on the following pages:

- * Received 85 percent of multiple.
- L* Appointed ensign in the line of the U. S. Navy.
- CEC* Appointed ensign, civil engineering corps, U. S. Navy.
- MC* Appointed second lieutenant in the U. S. Marine Corps.
- NR* Appointed ensign in the U. S. Naval Reserve.
- SC* Appointed ensign, supply corps, U. S. Navy.
 - a* Citizen of Ecuador. Graduated but not commissioned in the U. S. Navy.
 - b* Ex-midshipman. Originally a member of an earlier class.
- dd* Died.
- tb* Turnback.
- Inc.* Indicates work incomplete.
 - † Readmitted with class of 1952.
 - 1. Voluntarily resigned.
 - 2. Physically disqualified and honorably discharged.
 - 3. Discharged because of unsatisfactory conduct.
 - 4. Resignation accepted "for the good of the Naval Academy and the Naval Service."
 - 5. Resignation accepted. Married in violation of Naval Academy regulations.
 - 6. Deficient in studies and discharged under honorable conditions.
 - 7. Voluntary resignation accepted. Deficient in studies.
 - 8. Deficient in studies. Turned back into this class.
 - 9. Discharged. Married in violation of Naval Academy regulations.
 - 10. Deficient in studies. Reexamined and again deficient. Discharged under honorable conditions.
 - 11. Deficient in studies. Reexamined and again deficient. Turned back into this class.
 - 12. Turned back into this class because of prolonged absence resulting from hospitalization.
 - 13. Graduated 4 June 1948. Physically disqualified for commission and honorably discharged.
 - 14. Deficient in studies. Turned back into next lower class.
 - 15. Readmitted with the class of 1949 and advanced to the class of 1948-B.
 - 16. Readmitted with the class of 1950 and advanced to the class of 1948-B.
 - 17. Readmitted with the class of 1951 and advanced to the class of 1950.
 - 18. Readmitted with the class of 1952 and advanced to the class of 1951.
 - 19. Turned back into next lower class because of prolonged absence from studies resulting from hospitalization.
 - 20. Readmitted with the class of 1952 and advanced to the class of 1950.
 - 21. Deficient in studies. Reexamined and again deficient. Turned back into next lower class.
 - 22. Graduated 4 June 1948. Physically disqualified for commission. Voluntarily resigned pending action on medical survey.

Explanation of abbreviations used for names of departments on reports or relative standing:

S. & N	Seamanship and navigation.
O. & G	Ordnance and gunnery.
M. E	Marine engineering.
Avia	Aviation.
Math	Mathematics.
E. E	Electrical engineering.
E. H. & G	English, history and government.
Langs	Foreign languages.
Hy	Hygiene.
Aptitude	Aptitude for service.

NOTE.—The diplomas of midshipmen whose final multiples for the completed course are not less than 85 percent of the maximum read "Passed with distinction"; those whose final multiples are less than 85 percent, but not less than 75 percent of the maximum, read "Passed with credit"; and those whose final multiples are less than 75 percent of the maximum read "Passed."

MERIT ROLL—GRADUATING CLASS, JUNE 1948

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima.....	110	276	360	480	
<i>b 16 L</i>	*1	Suttill, Francis John, Jr.....	96.58	222.80	314.81	436.08	1,070.27
<i>CEC</i>	*2	Hoffman, George Lee.....	85.36	233.65	309.02	418.46	1,046.49
<i>15</i>	3	Fowler, Charles Addison, III.....	86.95	224.93	304.47	418.34	1,034.69
<i>L</i>	4	Quinn, Paul Lewis.....	87.06	228.68	301.12	416.27	1,033.13
<i>L</i>	5	Eaton, Rex Carr, Jr.....	87.01	226.56	305.89	408.23	1,027.69
<i>L</i>	6	Wurlitzer, Robert Edward.....	86.77	227.92	303.88	406.39	1,024.96
<i>L</i>	7	Wilson, Thomas Bryan, Jr.....	84.27	227.32	302.07	409.71	1,023.37
<i>L</i>	8	Marsh, Marvin Dale.....	86.46	217.19	305.52	413.08	1,022.25
<i>L</i>	9	Mertz, Charles, III.....	86.31	223.09	305.46	404.79	1,019.65
<i>L</i>	10	O'Friel, Mark John.....	86.97	219.61	300.05	410.25	1,016.88
<i>SC</i>	11	Smith, David Marquis.....	85.09	221.36	301.60	407.48	1,015.53
<i>MC</i>	12	McCurdy, Floyd Miles, Jr.....	85.88	216.56	299.24	412.67	1,014.35
<i>L</i>	13	Riggs, Guy Wadsworth.....	85.21	226.86	301.08	400.35	1,013.50
<i>L</i>	14	Damberg, Bennie Vern.....	86.08	218.47	304.60	404.24	1,013.39
<i>L</i>	15	Moss, Eugene Carl.....	86.37	227.24	300.45	397.95	1,012.01
<i>L</i>	16	Braley, Charles Rease, Jr.....	83.20	224.28	303.77	400.30	1,011.55
<i>L</i>	17	Chew, Robert Smith, Jr.....	86.51	220.54	300.90	403.38	1,011.33
<i>SC</i>	18	Vance, Robert Camille.....	83.70	223.03	298.59	405.59	1,010.91
<i>L</i>	19	Fleming, Edward Bowen.....	85.98	223.30	299.70	400.37	1,009.35
<i>L</i>	20	Buchanan, Douglas Grayson.....	84.51	223.44	301.50	399.56	1,009.01
<i>L</i>	21	Mulbry, Leonard William.....	86.31	221.86	299.69	400.83	1,008.69
<i>L</i>	22	Adams, Richard Charles.....	84.85	217.85	300.13	405.83	1,008.66
<i>L</i>	23	Kays, Jack Clark.....	86.81	227.78	296.09	397.88	1,008.56
<i>L</i>	24	Anderson, Gordon Albert.....	83.71	220.15	301.36	403.19	1,008.41
<i>L</i>	25	Rogers, William Alexander, Jr.....	86.09	221.20	300.35	400.33	1,007.97
<i>L</i>	26	Wegner, William.....	86.63	217.83	298.64	403.94	1,007.04
<i>L</i>	27	Taylor, Boone Case.....	81.72	224.00	296.41	404.79	1,006.92
<i>L</i>	28	Foulds, Donald Duane.....	86.56	221.44	301.47	396.85	1,006.32
<i>L</i>	29	Cullivan, Daniel William.....	85.08	222.97	300.15	397.59	1,005.79
<i>L</i>	30	Rice, Edwin Cromwell.....	85.65	216.54	293.83	409.62	1,005.64
<i>L</i>	31	Moureaux, Peter Ramsey.....	85.96	227.56	298.73	392.71	1,004.96
<i>L</i>	32	Poteet, Alonzo Marcus, Jr.....	86.09	222.50	294.74	399.20	1,002.53
<i>L</i>	33	Sallada, William Farnsworth.....	82.53	216.46	299.82	402.69	1,001.50
<i>L</i>	34	Hathaway, Charles Edward.....	83.32	217.61	300.35	398.41	999.69
<i>L</i>	35	Barton, William Henderson, Jr.....	81.70	211.05	297.03	409.53	999.31
<i>CEC</i>	36	McManus, Edward Allen.....	86.51	220.62	297.68	393.85	998.66
<i>L</i>	37	Moore, James Riley, Jr.....	86.35	225.50	295.59	391.21	998.65
<i>L</i>	38	Strahley, Charles Glasgow.....	85.58	224.13	291.68	396.56	997.95
<i>L</i>	39	Caylor, John Doyle.....	87.07	223.95	292.34	394.56	997.92
<i>L</i>	40	Castruccio, Nicholas Anthony.....	86.51	217.14	294.69	399.43	997.77
<i>L</i>	41	Hodson, Richard Buchet.....	85.58	230.85	289.57	391.58	997.58
<i>L</i>	42	Klinefelter, John Winton.....	85.98	211.26	296.11	404.15	997.50
<i>L</i>	43	Pruner, Delton Boyer.....	85.60	223.50	293.42	394.85	997.37
<i>L</i>	44	Small, William Newell.....	86.86	216.69	299.94	393.04	996.53
<i>SC</i>	45	Albanese, Augustine Albert.....	85.03	219.89	290.85	400.39	996.16
<i>L</i>	46	Laubendorfer, William Jerome.....	84.71	227.02	288.90	395.49	996.12
<i>L</i>	47	Jensen, John Lawrence, Jr.....	86.94	226.83	293.85	388.49	996.11

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima	110	276	360	480	
<i>L</i>	48	Dittmar, William Daniel.....	85.34	219.84	295.41	395.00	995.59
<i>L</i>	49	Roulston, Andrew Thomas.....	84.89	218.78	293.53	398.10	995.30
<i>L</i>	50	Gates, Herbert Kenneth, Jr.....	85.62	216.10	298.57	394.66	994.95
<i>L</i>	51	Gabriel, Wallace Sulveanus.....	85.02	215.96	293.52	399.94	994.44
<i>L</i>	52	Gurman, Harold.....	85.48	226.41	291.16	391.38	994.43
<i>L</i>	53	Fogarty, Francis Charles.....	85.83	223.14	299.91	385.37	994.25
<i>L</i>	54	Halladay, Norman Lewis.....	85.98	215.96	292.55	399.40	993.89
<i>L</i>	55	Schwoeffermann, Robert Eugene.....	86.58	221.05	291.15	394.99	993.77
<i>L</i>	56	Bavle, Joseph Robert.....	85.33	226.67	290.69	390.64	993.33
<i>L</i>	57	Buck, Beaumont Manor.....	86.12	217.18	293.05	396.07	992.42
<i>L</i>	58	Carter, Charles Congreve, Jr.....	85.94	215.41	292.67	398.06	992.08
<i>L</i>	59	Cowden, Jack.....	85.62	217.13	297.10	392.21	992.06
<i>L</i>	60	Bevis, Benjamin Willey.....	86.49	220.71	291.92	392.56	991.68
<i>L</i>	61	Resch, Earl Frederick.....	81.81	218.73	294.19	396.32	991.05
<i>tb MC</i>	62	Schneider, Richard Dana.....	77.15	225.85	290.25	397.77	991.02
<i>L</i>	63	Rees, Walter Llewellyn.....	85.97	219.72	287.43	396.56	989.68
<i>L</i>	64	Bartow, William Russell.....	85.37	214.90	296.49	392.65	989.41
<i>L</i>	65	Pierson, William Corbuser.....	86.91	218.93	287.37	396.05	989.26
<i>L</i>	66	Stephens, Don Richard.....	87.05	217.52	285.43	399.12	989.12
<i>L</i>	67	Searle, Robert Howland.....	86.48	223.82	293.95	384.83	989.08
<i>L</i>	68	Becker, Jerry Thomas.....	79.97	211.75	296.83	400.40	988.95
<i>MC</i>	69	Smith, Robert Norman.....	86.05	210.08	294.55	397.29	987.97
<i>L</i>	70	Rubenstein, Richard Byron.....	85.79	221.17	291.94	389.03	987.93
<i>L</i>	71	Hanlon, Kevin.....	83.09	219.81	291.31	392.91	987.12
<i>L</i>	72	Wright, George Searcy.....	86.03	215.40	288.41	397.27	987.11
<i>L</i>	73	Jackson, Frederick Dewey, Jr.....	86.13	212.85	294.37	393.66	987.01
<i>L</i>	74	Korb, Edward Leon.....	84.85	219.61	290.74	391.81	987.01
<i>L</i>	75	Chapman, Roger Alan.....	85.85	215.32	291.57	393.82	986.56
<i>L</i>	76	Bowersox, Franklin Lewis.....	85.33	223.90	295.07	380.41	984.71
<i>L</i>	77	McGihon, Robert Sidney.....	81.79	220.34	287.26	395.03	984.42
<i>L</i>	78	Johnson, Francis Clinton.....	84.76	222.73	289.25	387.47	984.21
<i>L</i>	79	Treadwell, Kenneth Myron.....	86.14	217.78	289.73	389.92	983.57
<i>MC</i>	80	Ambrogio, Richard Thomas Francis.....	86.13	214.42	288.16	394.61	983.32
<i>L</i>	81	Coulter, Charles Parker.....	85.13	211.01	292.14	394.69	982.97
<i>L</i>	82	Hall, Donald Brooks.....	80.54	221.33	295.71	385.34	982.92
<i>L</i>	83	McCord, John William.....	85.77	214.20	289.13	392.82	981.92
<i>L</i>	84	Dorris, Claude Eugene.....	84.26	213.21	294.84	389.05	981.36
<i>L</i>	85	Ellis, Dewey Allen, Jr.....	86.38	207.72	291.91	394.71	980.72
<i>L</i>	86	Kenyon, Robert Eugene.....	84.55	215.88	286.49	393.41	980.33
<i>SC</i>	87	Suit, Charles Lee, III.....	85.80	218.16	285.39	390.50	979.85
<i>CEC</i>	88	Leighton, George Arthur, Jr.....	83.06	219.25	284.12	393.39	979.82
<i>L</i>	89	Wright, David Lloyd.....	81.26	213.64	296.80	388.04	979.74
<i>L</i>	90	Moore, Sumner Kittelle.....	87.09	209.58	291.78	390.88	979.33
<i>L</i>	91	Wheeler, Richard Olm.....	84.81	212.59	291.35	390.20	978.95
<i>L</i>	92	Law, Jason Pierce.....	85.89	212.48	292.80	387.65	978.82
<i>L</i>	93	Shimshak, Richard Edward.....	86.22	222.12	287.42	382.58	978.34
<i>L</i>	94	Engel, Gordon Reed.....	87.10	226.58	285.38	379.28	978.34
<i>MC</i>	95	Paciulli, Orlo Charles, Jr.....	84.04	219.85	289.61	384.50	978.00
<i>L</i>	96	Nelson, Frederick Louis.....	82.42	210.23	295.75	389.18	977.58
<i>L</i>	97	Thompson, Albert James.....	84.43	220.21	287.40	385.47	977.51
<i>tb CEC</i>	98	Fluss, Richard Merrill.....	83.74	214.95	290.44	388.11	977.24
<i>L</i>	99	James, John William.....	83.73	215.67	286.53	389.96	975.89
<i>L</i>	100	Ransom, Charles Edgar, Jr.....	83.61	209.71	291.45	390.41	975.18
<i>SC</i>	101	Speer, Wilburn Albright, Jr.....	85.53	210.09	285.23	394.28	975.13
<i>L</i>	102	Marshall, George Wendell.....	82.59	208.71	294.98	388.62	974.90
<i>L</i>	103	Conable, Jack Henry.....	85.34	212.86	290.70	385.66	974.56
<i>CEC</i>	104	Hogan, Charles Bernard.....	81.60	207.58	285.34	400.00	974.52

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima	110	276	360	480	
<i>L</i>	105	Orr, Frank Wylie, Jr.....	84.94	215.32	288.43	385.76	974.45
<i>L</i>	106	Sullivan, George Harold, Jr.....	82.45	220.28	291.37	380.32	974.42
<i>L</i>	107	Russell, John Alexander.....	85.69	226.58	294.59	367.51	974.37
<i>SC</i>	108	Borchert, William Henry.....	83.64	212.82	285.19	392.71	974.36
<i>L</i>	109	Buechler, Robert George.....	84.30	216.64	289.50	383.55	973.99
<i>L</i>	110	Kilduff, Thomas Francis, Jr.....	81.17	213.58	283.09	395.87	973.71
<i>L</i>	111	Wells, Elbert Newman.....	81.04	206.93	295.90	389.52	973.39
<i>L</i>	112	Conolly, Robert Carhart, II.....	82.56	221.19	284.89	384.69	973.33
<i>L</i>	113	Zacharias, Ellis Mark, Jr.....	84.01	213.28	285.22	390.12	972.63
<i>L</i>	114	Tatum, Robert McElfresh.....	86.76	218.18	280.79	386.77	972.50
<i>L</i>	115	Townsend, Herbert Newton.....	80.98	217.30	289.29	384.79	972.36
<i>L</i>	116	Castle, Ernest Carl.....	84.23	208.02	289.04	391.04	972.33
<i>L</i>	117	Conord, Albert Edward.....	86.54	215.48	284.97	385.28	972.27
<i>SC</i>	118	Corson, Donald Harley, Jr.....	81.60	214.22	287.33	388.99	972.14
<i>L</i>	119	Walchko, Daniel Paul.....	83.96	212.77	294.18	381.07	971.98
<i>L</i>	120	Frahler, Andrew Louis.....	86.10	209.43	285.31	390.72	971.56
<i>tb SC</i>	121	Webster, Kenneth Bruce.....	77.29	214.58	287.37	392.14	971.38
<i>tb L</i>	122	DeGoede, John.....	85.46	210.47	289.20	385.97	971.10
<i>SC</i>	123	Lipschutz, Harold Berton.....	82.14	204.44	291.61	392.82	971.01
<i>L</i>	124	Duncan, Richard Thomas, Jr.....	80.92	213.49	286.86	389.61	970.88
<i>L</i>	125	Spalding, Thomas Clayton.....	86.67	217.51	283.27	383.30	970.75
<i>L</i>	126	Gracey, Jack Lynn.....	84.67	216.95	282.23	385.97	969.82
<i>L</i>	127	Cuddy, Thomas William.....	82.29	213.37	285.52	388.48	969.66
<i>L</i>	128	Tiernan, Frank Stanford.....	86.75	212.42	281.98	387.07	968.22
<i>L</i>	129	Williams, Stanwix Mayfield.....	85.94	215.13	285.39	381.27	967.73
<i>L</i>	130	Dittmann, George William.....	85.98	221.11	282.46	377.75	967.30
<i>L</i>	131	Ayers, William Russell.....	84.75	206.39	291.20	384.53	966.87
<i>CEC</i>	132	Carroll, Robert George.....	85.25	215.35	281.25	385.00	966.85
<i>L</i>	133	McKinley, Marvin "M", Jr.....	85.35	215.57	279.69	386.21	966.82
<i>L</i>	134	Woods, Thomas, II.....	86.45	211.63	288.55	380.08	966.71
<i>L</i>	135	Melhorn, Robert Edward.....	84.73	209.25	288.08	384.38	966.44
<i>L</i>	136	Duncan, Norman Lee.....	84.83	216.52	287.46	377.33	966.14
<i>L</i>	137	Matthews, Frank Edward.....	80.47	213.63	290.52	381.20	965.82
<i>SC</i>	138	Carrington, James Harrison Hewes.....	86.33	207.22	285.01	387.04	965.60
<i>L</i>	139	Hamlin, David Richard.....	83.13	220.76	280.33	381.37	965.59
<i>L</i>	140	Bolger, Philip Hearn.....	82.25	208.84	285.90	388.12	965.11
<i>L</i>	141	Brunson, James Sylvester.....	84.26	213.75	279.05	387.95	965.01
<i>L</i>	142	Clark, Wyndham Stokes, Jr.....	82.52	205.21	286.73	390.05	964.51
<i>L</i>	143	Supancic, Edward Paul.....	83.09	212.64	286.54	381.65	963.92
<i>L</i>	144	Welsh, James Keating, Jr.....	86.23	214.36	280.71	382.29	963.59
<i>L</i>	145	White, John Floyd, Jr.....	86.12	207.53	285.07	384.80	963.52
<i>L</i>	146	Smith, Harold Frederick, Jr.....	84.53	213.00	280.78	385.02	963.33
<i>L</i>	147	Delling, Leonard Verne.....	85.04	216.80	283.74	377.49	963.07
<i>L</i>	148	Kunin, Seymour Lewis.....	85.16	216.76	278.39	382.66	962.97
<i>b L</i>	149	Goodwin, Hugh Hilton, Jr.....	85.79	205.48	290.73	380.60	962.60
<i>L</i>	150	Schofield, Albert Richardson, Jr.....	80.59	209.59	285.00	386.58	961.76
<i>MC</i>	151	Carson, Robert Ray.....	83.84	203.63	283.08	391.17	961.72
<i>L</i>	152	Struyk, Richard.....	84.67	215.94	279.57	381.34	961.52
<i>L</i>	153	Ross, Terry Allan.....	82.58	218.83	280.97	379.06	961.44
<i>L</i>	154	Herlihy, John Daniel, Jr.....	81.32	209.91	289.22	380.94	961.39
<i>L</i>	155	Noblet, Eugene John.....	82.80	214.28	287.98	376.13	961.19
<i>MC</i>	156	Howard, Lee Roy.....	86.98	213.51	279.79	380.86	961.14
<i>L</i>	157	Gaylord, Sidney Woodruff, Jr.....	85.45	212.30	281.90	381.13	960.78
<i>IS</i>	158	Peterson, John David.....	86.18	215.14	281.43	378.03	960.78
<i>L</i>	159	Benton, Herbert Peyton, III.....	83.13	211.15	280.63	385.74	960.65
<i>CEC</i>	160	Day, James Chester, Jr.....	82.51	212.05	283.36	382.60	960.52
<i>L</i>	161	Lewis, William White, Jr.....	86.31	215.29	281.77	376.80	960.17

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima.....	110	276	360	480	
L	162	Kanakanui, William Atherton, Jr.....	84.84	206.32	272.97	396.03	960.16
L	163	Berggren, Robert Eugene.....	84.14	212.47	283.20	380.22	960.03
L	164	Keen, William Harvey.....	86.38	213.25	282.81	377.48	959.92
L	165	Arnold, William Stevenson MacLaren.....	85.76	211.70	286.06	376.05	959.57
L	166	Rogers, Joseph Philip, Jr.....	85.96	206.38	283.56	383.20	959.10
MC	167	Kelly, Charles Joseph.....	81.88	212.76	284.00	380.45	959.09
L	168	Ivey, James Murphy, Jr.....	81.56	207.57	279.22	390.49	958.84
SC	169	Gaffigan, John Paul.....	86.42	216.13	278.17	377.69	958.41
L	170	Abel, Paul Francis.....	84.71	209.10	283.63	380.82	958.26
MC	171	O'Keefe, Keith.....	85.49	215.03	282.85	374.75	958.12
L	172	Wainwright, Robert Ernest.....	84.54	210.76	283.00	379.68	957.98
MC	173	Robbins, Jack Windsor.....	82.87	211.12	285.47	378.35	957.81
L	174	Rogers, Edward Brien, Jr.....	87.14	212.64	275.93	381.86	957.57
L	175	Blakney, Walter Thomas.....	84.67	212.00	280.40	380.41	957.48
L	176	Sawyer, William Glenn.....	86.25	209.67	281.98	379.43	957.33
L	177	Stanley, Thomas Eugene.....	84.11	205.76	285.16	382.27	957.30
L	178	Jones, Harry Lloyd.....	78.60	205.49	281.60	391.58	957.27
L	179	Daley, Bradley Lee.....	86.18	212.18	281.97	376.86	957.19
L	180	Behrens, Donald Richard.....	85.63	222.69	284.69	363.49	956.50
L	181	Ward, James Frederick, II.....	83.52	213.17	277.91	381.65	956.25
L	182	Robinson, Rufo William.....	86.13	215.91	282.96	371.19	956.19
MC	183	Rudzis, Edwin Michael ¹	84.27	217.54	281.50	372.81	956.12
L	184	Levy, Edgar Sidney, Jr.....	86.02	206.53	283.77	379.73	956.05
L	185	Robbins, Knight Michael.....	85.24	216.38	281.91	372.51	956.04
L	186	Tsiknas, John Constantine.....	81.30	207.16	280.93	386.43	955.82
L	187	Key, Harry Newton, Jr.....	83.53	211.79	283.91	376.39	955.62
MC	188	Hall, Richard Neville, II.....	86.47	208.40	281.43	378.64	954.94
L	189	Hebden, Edward Booth, II.....	83.45	205.97	283.64	381.77	954.83
MC	190	Moore, Ben Adams, Jr.....	80.16	208.47	282.25	383.66	954.54
SC	191	Brendle, William Glade.....	85.35	205.36	286.77	376.72	954.20
L	192	Allen, Hoyt Edward.....	86.01	214.59	279.50	374.10	954.20
L	193	Davis, John Meredith.....	83.35	204.46	279.26	386.23	953.30
L	194	Claitor, Robert Gregory.....	85.25	210.35	285.02	372.39	953.01
L	195	Rennacker, Harvey Everett.....	85.06	216.70	281.70	369.54	953.00
L	196	Hanby, Robert William, Jr.....	84.18	212.31	280.21	375.96	952.66
L	197	McCallum, Elmer Austin, Jr.....	82.61	209.13	282.40	378.47	952.61
L	198	Blizard, Floyd Harry.....	85.35	209.87	278.86	378.45	952.53
L	199	Sherrill, Peter Nathaniel.....	85.58	202.23	280.17	384.49	952.47
L	200	Ortlieb, Edward Joseph.....	84.18	213.46	280.80	373.81	952.25
CEC	201	Dunn, Sydney Worth, Jr.....	82.36	205.06	282.57	381.76	951.75
L	202	Schultz, Robert Allan.....	84.40	206.93	266.39	393.84	951.56
L	203	Alt, Walter Louis.....	79.11	206.93	285.30	379.08	950.42
L	204	Pyle, Robert Oliver, Jr.....	85.77	203.06	286.69	374.87	950.39
SC	205	Dunwoody, Kenneth Webster, Jr.....	86.22	202.76	278.86	382.31	950.15
L	206	Wagenfeld, Quentin William.....	84.76	207.81	282.00	375.57	950.14
L	207	Axtell, Edward Marion, Jr.....	82.97	204.94	282.18	379.66	949.75
MC	208	Cooke, Leamon Randall.....	82.23	206.75	276.47	383.78	949.23
L	209	Harris, Harley Stafford, Jr.....	78.86	201.37	284.53	384.20	948.96
MC	210	Russell, Roy Kenneth.....	79.22	202.01	279.48	387.93	948.64
L	211	McFarland, Milton Clay.....	83.34	206.16	280.08	378.90	948.48
L	212	Easterlin, William Frank, Jr.....	86.51	207.43	282.74	371.59	948.27
L	213	Scott, Richard Underhill.....	83.73	211.29	280.82	371.92	947.76
L	214	Smith, Robert Caldwell, Jr.....	83.10	202.98	280.00	381.36	947.44
L	215	Bowers, Eugene Sanders.....	80.12	213.70	278.29	375.32	947.43
L	216	Hallman, Albert Bailey.....	84.36	207.49	282.29	372.83	946.97
L	217	DeWitt, Dean Douglas.....	80.19	206.16	280.70	379.82	946.87

¹ Name changed from Rudzis, Edwin.

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima-----	110	276	360	480	
MC	218	Morrow, Richard Cox-----	79.05	202.81	281.75	383.23	946.84
L	219	Gralow, Frederick Henry-----	82.47	207.54	281.54	374.73	946.28
SC	220	True, Howard Albert-----	79.90	203.19	280.90	382.11	946.10
L	221	Crumpton, John Rives, Jr-----	80.07	205.66	283.94	376.31	945.98
L	222	Goodwin, Ralph Talbot, Jr-----	83.23	202.30	282.59	377.85	945.97
L	223	Van Kirk, Robert Walter, Jr-----	78.90	209.49	283.21	373.94	945.54
L	224	Billingsley, Patrick Paul-----	86.45	213.42	274.95	369.91	944.73
MC	225	Reem, Robert Dale-----	82.83	200.73	283.58	377.55	944.69
L	226	Zimmerman, Jack Pearce-----	86.13	215.31	278.19	364.79	944.42
L	227	Hatmaker, Douglas Blaxland-----	84.57	211.02	277.94	370.74	944.27
SC	228	Kay, Howard Norman-----	81.43	210.51	280.43	371.87	944.24
L	229	Brown, Ralph Wells, Jr-----	83.55	204.46	281.09	375.03	944.13
L	230	O'Reilly, Robert Ward-----	82.30	208.86	273.74	378.87	943.77
L	231	Cochran, Richard Arthur-----	77.33	201.28	277.46	386.95	943.02
L	232	Fraser, Ian Nairn-----	84.67	216.62	273.80	367.79	942.88
L	233	Wilson, Joseph Aloysius-----	86.36	212.14	267.11	376.65	942.26
L	234	Mellencamp, James Irving-----	81.69	199.47	279.42	381.40	941.98
13	235	Lea, Hugh Ochiltree-----	81.45	213.03	279.36	367.92	941.76
SC	236	Bruner, John Willis-----	80.07	208.36	276.56	376.55	941.54
L	237	Evasovich, John-----	85.37	206.09	273.80	375.46	940.72
L	238	Bates, Richard Ward-----	86.19	201.63	275.59	377.30	940.71
L	239	Loheed, Hubert Bradford-----	82.09	209.00	277.01	372.48	940.58
L	240	Frothingham, Edward, Jr-----	81.15	209.52	275.37	374.46	940.50
L	241	Allen, Robert Clyde-----	82.45	208.47	282.11	367.35	940.38
b L	242	Lyle, Robert Bruce-----	83.25	210.51	275.20	371.41	940.37
L	243	White, Warren Paul-----	81.34	208.91	272.85	376.97	940.07
L	244	Belflower, Harry Esra, Jr-----	82.10	200.79	279.21	377.17	939.27
L	245	Kelty, Kenneth-----	81.22	203.78	275.12	378.74	938.86
L	246	Bilderback, Oral John-----	79.31	207.41	283.37	368.66	938.75
L	247	Markel, Arthur Lyman-----	85.45	202.46	280.50	369.97	938.38
L	248	McMahon, John Rodmond, Jr-----	84.78	205.11	275.04	372.96	937.89
tb L	249	Grady, Morris Reed-----	84.82	202.65	275.20	375.07	937.74
L	250	McLaughlin, Edward Francis, Jr-----	80.57	199.71	275.03	382.28	937.59
L	251	Lafferty, Frederick Reid, Jr-----	83.23	207.18	275.94	370.57	936.92
L	252	Chapline, Edwin MacMurray-----	77.08	204.92	274.98	379.76	936.74
L	253	Bates, George Marshall-----	83.22	200.10	273.96	379.43	936.71
L	254	Kline, Herbert Schuyler-----	80.68	199.94	284.62	371.42	936.66
SC	255	Smith, Morris Montell-----	82.70	206.29	273.52	373.91	936.42
L	256	Gornik, Raymond Ignatius-----	85.85	204.67	270.25	375.59	936.36
L	257	Hawe, Stanley Russell-----	80.82	202.35	273.05	379.47	935.69
L	258	Harris, Wade Hampton-----	75.36	204.54	275.25	380.53	935.68
L	259	Huss, Karl Hubert, Jr-----	85.41	202.63	277.34	370.29	935.67
L	260	Morris, Donald Robert-----	82.19	205.75	273.33	374.33	935.60
L	261	Lee, William Westfall, Jr-----	82.15	199.29	275.68	378.08	935.20
L	262	Estes, Leland Frederick-----	81.64	206.46	277.39	369.56	935.05
L	263	Barnes, William Henry, III-----	83.66	204.74	274.00	371.44	933.84
L	264	Vinsel, John Edward-----	84.43	206.83	280.80	361.22	933.28
L	265	Everngam, John Lester, Jr-----	83.48	202.78	276.15	370.04	932.45
b L	266	Henry, Albert Gallatin, Jr-----	85.92	202.28	269.89	374.30	932.39
L	267	Palmer, Gerald Lewis, Jr-----	85.74	208.08	273.56	364.97	932.35
L	268	Garner, Stanton Berry-----	85.67	204.36	270.42	371.84	932.29
L	269	Styer, Robert Turner-----	81.70	201.74	272.22	376.53	932.19
b L	270	Lee, Robert Lowry, Jr-----	84.45	203.04	270.26	374.30	932.05
L	271	Thornhill, David Randolph-----	82.29	204.63	277.77	367.28	931.97
L	272	Bell, Gregory McCaleb, Jr-----	80.01	200.95	275.81	374.69	931.46
L	273	Crosby, Howard Sydney-----	83.83	205.70	273.43	368.44	931.40
L	274	Lane, Charles Morgan-----	78.57	205.06	275.54	371.77	930.94

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima -----	110	276	360	480	
<i>L</i>	275	Neely, Robert Roy, Jr.-----	80.07	204.48	276.46	369.82	930.83
<i>L</i>	276	Crosby, James Samuel, Jr.-----	83.11	207.41	271.09	369.05	930.66
<i>L</i>	277	Hartshorn, David Lawrence-----	78.05	201.18	270.70	380.48	930.41
<i>SC</i>	278	Lewis, Charles Lester-----	78.08	204.86	270.88	376.08	929.90
<i>L</i>	279	Hurt, David Albert, Jr.-----	78.02	203.11	270.36	378.12	929.61
<i>L</i>	280	Dorsey, Laurens-----	86.70	208.51	265.11	369.20	929.52
<i>SC</i>	281	Hernandez, Lawrence Casimiro, Jr.-----	84.89	212.88	267.82	363.09	928.68
<i>L</i>	282	Sprince, Richard Hinden-----	82.72	202.94	272.15	370.71	928.52
<i>L</i>	283	Rardin, Hugh Barr-----	79.94	204.07	275.22	369.03	928.26
<i>SC</i>	284	Gleason, Lewis Edson-----	82.51	206.10	272.40	366.80	927.81
<i>L</i>	285	Smusyn, Nicholas William-----	82.94	201.15	268.57	375.11	927.77
<i>MC</i>	286	Balzer, George Tomlinson-----	77.26	204.37	284.14	361.54	927.31
<i>MC</i>	287	diLorenzo, Lucius Vincent-----	83.00	200.88	276.62	366.54	927.04
<i>ib NR</i>	288	Mercer, Robert Borden-----	85.36	202.45	276.28	362.66	926.75
<i>L</i>	289	Villarreal, Carlos Castaneda-----	85.88	199.28	274.17	367.38	926.71
<i>L</i>	290	Boland, Louis James-----	78.46	198.81	271.25	378.09	926.61
<i>SC</i>	291	Cox, James Albert-----	83.77	201.13	272.42	369.27	926.59
<i>L</i>	292	Deibler, Daniel Thomas-----	83.60	204.27	274.87	363.62	926.36
<i>MC</i>	293	Dickey, Robert Russell, III-----	82.97	205.64	272.10	364.98	925.69
<i>L</i>	294	McIntyre, Andrew-----	80.47	203.54	271.79	369.87	925.67
<i>CEC</i>	295	Lee, Robert Stanley, Jr.-----	81.03	209.77	273.88	360.97	925.65
<i>L</i>	296	Pittman, Ray Carlton-----	86.31	205.19	266.52	367.37	925.39
<i>L</i>	297	Searson, Ruell Arnold-----	83.42	203.14	270.79	367.74	925.09
<i>L</i>	298	Stacy, Edward Frost-----	81.93	202.69	276.12	363.86	924.60
<i>MC</i>	299	Strother, James William-----	83.07	206.10	274.49	360.94	924.60
<i>L</i>	300	Loeffler, Aubrey Linville-----	84.04	202.45	269.39	368.62	924.50
<i>L</i>	301	Beadling, David Allan-----	82.41	201.98	271.56	368.52	924.47
<i>L</i>	302	Fletcher, John Asserson, II-----	84.68	207.99	263.35	368.24	924.26
<i>CEC</i>	303	Shook, Colonel Judson, Jr.-----	80.06	199.64	266.86	377.65	924.21
<i>L</i>	304	Bradley, Claiborne Sheldon-----	77.38	200.57	277.72	368.19	923.86
<i>22</i>	305	Niland, Kennedy-----	86.94	216.94	265.19	354.78	923.85
<i>L</i>	306	Lawler, Paul Douglass-----	81.91	204.09	277.47	359.97	923.44
<i>L</i>	307	McIver, Donald Anthony-----	80.70	197.77	271.25	373.32	923.04
<i>L</i>	308	Gray, Ernest Joel-----	76.56	193.91	280.30	372.18	922.95
<i>L</i>	309	Nottingham, Robert Preston-----	80.97	201.20	271.19	369.58	922.94
<i>L</i>	310	Moore, Roderick Bruce-----	75.48	192.08	271.18	383.93	922.67
<i>L</i>	311	Beatty, Richard Louis-----	80.52	198.34	269.78	373.86	922.50
<i>L</i>	312	Hendrix, Leonard Milton-----	79.32	195.27	279.21	368.48	922.28
<i>SC</i>	313	Barber, Robert Paul-----	81.47	202.69	271.69	366.42	922.27
<i>L</i>	314	Jansen, Alan Lester-----	81.74	200.53	271.40	368.45	922.12
<i>SC</i>	315	Stringfellow, Hart Robert, Jr.-----	80.72	202.27	272.32	366.59	921.90
<i>L</i>	316	Moore, William Vincent-----	80.10	202.21	275.72	363.65	921.68
<i>L</i>	317	Whitmore, Charles Abbott, Jr.-----	82.39	203.62	270.34	364.93	921.28
<i>SC</i>	318	Humphrey, Harvey Randolph-----	83.51	194.29	271.71	371.64	921.15
<i>L</i>	319	Bartmes, Russell, Jr.-----	85.73	211.29	269.39	354.69	921.10
<i>SC</i>	320	Armstrong, Edmund Stephen-----	85.52	207.20	269.82	358.39	920.93
<i>L</i>	321	Ross, Ernest Horace, Jr.-----	82.64	207.34	272.58	358.05	920.61
<i>L</i>	322	Clas, Richard John-----	80.72	199.35	266.47	373.78	920.32
<i>L</i>	323	White, Joseph Phil-----	80.58	202.85	274.43	362.28	920.14
<i>L</i>	324	Shimmel, Albert Francis-----	78.21	196.97	272.15	372.04	919.37
<i>L</i>	325	Johnson, Henry Biddle-----	82.37	204.13	275.99	356.43	918.92
<i>b 15 L</i>	326	Callahan, James Edward, Jr.-----	78.53	203.93	272.72	363.67	918.85
<i>L</i>	327	Martenson, Paul Vincent-----	85.00	203.51	270.30	359.67	918.48
<i>L</i>	328	Abromitis, William, Jr.-----	79.84	202.32	274.52	361.79	918.47
<i>SC</i>	329	Robiner, Harold Leo-----	81.58	207.44	268.49	360.59	918.10
<i>L</i>	330	Bodmer, Richard Vincent-----	79.99	196.32	269.60	372.10	918.01
<i>SC</i>	331	Johnston, William Elbert-----	83.49	199.87	275.61	358.28	917.25

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima.....	110	276	360	480	
<i>b L</i>	332	Ross, Donald Scott.....	85.60	201.66	273.38	356.59	917.23
<i>SC</i>	333	Baruch, Jack.....	84.36	203.17	273.70	355.37	916.60
<i>b L</i>	334	Dupree, James William, Jr.....	86.43	198.52	268.32	363.13	916.40
<i>L</i>	335	Allen, Benjamin Gilchrist.....	81.23	206.50	263.74	364.83	916.30
<i>SC</i>	336	Berberian, Levon, Jr.....	78.56	200.00	271.35	366.05	915.96
<i>SC</i>	337	Holstein, Dudley.....	81.81	203.50	268.80	361.79	915.90
<i>SC</i>	338	Jay, Leonard Alfred, Jr.....	83.48	207.87	266.82	357.61	915.78
<i>L</i>	339	McKechnie, Russell Roland.....	76.79	194.53	273.43	370.61	915.36
<i>SC</i>	340	Henderson, Richard Ivan.....	82.13	203.53	271.17	358.20	915.03
<i>MC</i>	341	Norton, Merrill Lafayette.....	81.65	205.44	270.27	357.27	914.63
<i>L</i>	342	Chandler, William Dwight, 3d.....	83.96	205.21	257.84	367.33	914.34
<i>SC</i>	343	Chiara, Matthew Anthony.....	82.12	204.40	261.17	366.13	913.82
<i>SC</i>	344	Smeds, James Harold.....	79.79	199.19	268.49	366.31	913.78
<i>L</i>	345	Davenport, James Emerson, Jr.....	76.19	192.08	273.77	371.67	913.71
<i>L</i>	346	Bullington, Norwood William, Jr.....	84.15	208.14	263.55	357.22	913.06
<i>L</i>	347	Bryant, Paul Gardner.....	80.82	202.17	271.22	358.30	912.51
<i>L</i>	348	Silvey, Jack Royden.....	73.76	202.48	267.75	367.85	911.84
<i>L</i>	349	Alexander, Thomas Earl.....	80.18	202.72	264.08	363.98	910.96
<i>L</i>	350	Cheesman, Thomas Paul.....	82.33	197.88	265.35	364.76	910.32
<i>L</i>	351	Ikard, William Goebel, II.....	81.55	194.88	264.22	369.09	909.74
<i>SC</i>	352	Doddy, William Francis.....	76.19	202.02	272.02	359.49	909.72
<i>MC</i>	353	Hansen, Dean Benjamin.....	80.75	193.42	266.39	369.07	909.63
<i>L</i>	354	Holder, Hugh Scott.....	82.27	199.62	269.07	358.32	909.28
<i>L</i>	355	Menkes, Murray.....	84.44	202.89	267.41	354.51	909.25
<i>L</i>	356	Hintz, William Robert.....	80.03	207.42	267.63	354.15	909.23
<i>L</i>	357	Comerford, James Norton.....	79.24	200.87	269.91	358.88	908.90
<i>L</i>	358	Meyers, Edward William.....	81.32	202.39	274.26	349.42	907.39
<i>b 15 L</i>	359	Myrick, James Egerton.....	77.99	206.02	267.62	355.26	906.89
<i>L</i>	360	Hines, Charles Wainwright.....	82.16	201.69	267.39	354.75	905.99
<i>CEC</i>	361	Weir, Marvin Allen.....	80.03	196.96	268.70	360.19	905.88
<i>L</i>	362	Sheehan, Charles Augustus.....	76.03	195.32	270.91	362.83	905.09
<i>L</i>	363	Fisher, William Robert, Jr.....	78.21	193.58	265.84	366.73	904.36
<i>L</i>	364	Kleinman, Burton Howard.....	81.55	193.45	266.71	362.28	903.99
<i>L</i>	365	Peterson, James Earl, Jr.....	76.45	189.06	274.31	364.03	903.85
<i>b SC</i>	366	Ghormley, Robert Lee, Jr.....	81.25	192.58	263.44	365.85	903.12
<i>L</i>	367	McClure, William Lowrie.....	77.27	195.36	268.54	361.82	902.99
<i>L</i>	368	Riggins, Ward Parmalee, Jr.....	79.27	199.76	265.31	358.07	902.41
<i>L</i>	369	Lowdenslager, John Rowland.....	77.45	204.47	268.35	351.44	901.71
<i>L</i>	370	Nicholson, Richard Earl.....	77.15	200.12	259.94	364.43	901.64
<i>L</i>	371	Thiele, Karl Revere.....	77.40	197.70	266.31	359.74	901.15
<i>SC</i>	372	Bergeaux, Floyd Enas.....	83.40	197.77	267.75	352.14	901.06
<i>L</i>	373	Matia, Thomas Edward.....	85.13	199.67	260.30	355.58	900.68
<i>L</i>	374	Eyler, Emil Mervin.....	79.95	187.87	264.35	367.89	900.06
<i>L</i>	375	Meenan, Robert Hugh.....	83.12	197.85	263.48	355.45	899.90
<i>SC</i>	376	Langone, William Nicholas.....	80.07	194.34	267.25	357.50	899.16
<i>b L</i>	377	Landis, Arthur, Jr.....	81.27	196.08	263.86	357.23	898.44
<i>L</i>	378	Goodwin, George Edward.....	78.72	188.09	274.40	357.02	898.23
<i>L</i>	379	Springe, Richard Joseph.....	80.57	191.45	265.64	360.45	898.11
<i>MC</i>	380	Adair, Hugh Donald, Jr.....	83.75	201.91	264.31	347.86	897.83
<i>L</i>	381	Oberrieder, John Lou.....	82.40	198.19	265.55	351.52	897.66
<i>L</i>	382	Dowd, Benjamin Simeon, Jr.....	79.45	187.64	266.29	363.04	896.42
<i>SC</i>	383	Smith, Edgar Newbold.....	77.22	199.01	263.10	356.81	896.14
<i>L</i>	384	Childress, Michael Lawrence.....	82.76	201.31	260.54	351.00	895.61
<i>L</i>	385	McConeghy, John Knox, Jr.....	81.14	200.47	262.30	350.73	894.64
<i>L</i>	386	Tagliente, Joseph Patrick.....	81.85	199.25	254.41	358.10	893.61
<i>MC</i>	387	Duncan, Edward Franklin.....	79.93	195.47	263.83	353.91	893.14
<i>L</i>	388	Moore, Howard Bradford.....	77.11	193.43	262.02	360.29	892.85

Merit roll for the completed course of the midshipmen of the graduating class (class of 1948-B), 410 members, all of whom graduated—Continued

Symbol (see p. 28)	Order of merit	Name	First year	Second year	Third year	Fourth year	Aggregate multiple for com- pleted course— 1226
		Maxima	110	276	360	480	
<i>L</i>	389	Sherwood, Jack Nathan.....	77.31	186.97	269.62	358.81	892.71
<i>L</i>	390	Langton, Charles Hamilton.....	81.37	196.96	263.07	350.85	892.25
<i>L</i>	391	Huntington, Robert Dinsmore, Jr.....	84.04	191.16	261.35	354.89	891.44
<i>13</i>	392	Sutter, Edwin Joseph.....	78.56	190.37	260.81	360.37	890.11
<i>L</i>	393	Anderson, Roy Carl.....	76.33	191.34	264.41	354.80	886.88
<i>b L</i>	394	Settle, Henry Thomas, Jr.....	82.91	195.43	256.63	349.36	884.33
<i>L</i>	395	Nugent, Thomas Henry, Jr.....	77.43	193.65	255.73	357.09	883.90
<i>L</i>	396	Chipman, William Thomas, Jr.....	79.39	198.99	258.50	346.61	883.49
<i>MC</i>	397	Tobin, Robert Gibson, Jr.....	78.92	188.78	258.15	357.61	883.46
<i>b CEC</i>	398	Remsen, Henry.....	80.67	193.90	260.21	347.09	881.87
<i>L</i>	399	Pester, Benjamin Hugh.....	77.74	190.82	260.21	352.55	881.32
<i>MC</i>	400	Hamilton, Henry Clay, Jr.....	78.08	192.16	260.10	347.54	877.88
<i>L</i>	401	Wilkes, Gilbert, III.....	80.16	192.17	254.65	349.97	876.95
<i>L</i>	402	King, Robert Edward.....	81.55	191.65	256.14	346.48	875.82
<i>L</i>	403	Duncan, Robert Dewey.....	76.11	189.56	260.65	348.01	874.33
<i>L</i>	404	Clithero, John Dickens.....	80.63	191.18	262.59	338.09	872.49
<i>MC</i>	405	Perkins, John Marshall.....	77.22	192.12	248.14	351.07	868.55
<i>L</i>	406	Burton, Ronald Stewart.....	75.79	191.70	251.04	348.85	867.38
<i>a</i>	407	Montalvo, Jorge Isaac ²	80.30	195.19	246.29	345.45	867.23
<i>b L</i>	408	Nolen, Dan Richard.....	82.83	193.52	250.71	338.72	865.78
<i>L</i>	409	Graham, Warren Curry, Jr.....	78.69	187.19	250.60	347.06	863.54
<i>SC</i>	410	Evans, William Henry, Jr.....	79.81	188.74	252.08	338.75	859.38

² Name changed from Montalvo, Jorge.

RELATIVE STANDING—GRADUATING CLASS, JUNE 1948

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E. H. & G.
								Sea.	Nav.					
L	170	174	Abel, Paul Francis.....	S	365	318	174	105	47	178	58	66	202	186
L	328	340	Abromitis, William, Jr.....	G	288	92	329	326	360	371	364	271	343	347
MC	380	401	Adair, Hugh Donald, Jr.....	S	372	318	138	403	281	406	367	248	404	362
L	22	14	Adams, Richard Charles.....	S	1	31	92	12	32	33	111	1	60	136
SC	45	26	Albanese, Augustine Albert.....	F	116	334	99	110	12	35	24	116	8	152
L	349	326	Alexander, Thomas Earl.....	P	1	101	210	199	325	379	405	289	375	205
L	335	321	Allen, Benjamin Gilchrist.....	S	341	209	401	357	286	196	233	379	331	299
L	192	244	Allen, Hoyt Edward.....	S	1	209	407	77	344	103	227	303	269	300
L	241	306	Allen, Robert Clyde.....	S	133	351	260	165	176	145	374	147	356	267
L	203	193	Alt, Walter Louis.....	S	1	78	221	121	184	331	268	69	192	315
MC	80	63	Ambrogio, Richard Thomas Francis.....	F	81	267	221	44	27	55	41	28	47	327
L	24	22	Anderson, Gordon Albert.....	P	263	123	239	14	16	19	69	16	33	79
L	393	381	Anderson, Roy Carl.....	S	365	209	102	247	403	394	375	292	392	246
SC	320	357	Armstrong, Edmund Stephen.....	G	406	363	210	217	225	267	330	197	267	334
L	165	227	Arnold, William Stevenson MacLaren.....	S	116	302	217	229	159	269	208	112	216	173
L	207	188	Axtell, Edward Marion, Jr.....	S	1	60	294	259	66	220	218	273	312	312
L	131	139	Ayers, William Russell.....	F	215	60	347	179	210	49	219	40	293	128
MC	286	342	Balzer, George Tomlinson.....	G	288	78	231	371	404	343	408	340	277	194
SC	313	313	Barber, Robert Paul.....	S	200	267	217	345	267	227	385	197	235	335
L	263	267	Barnes, William Henry, III.....	F	231	11	34	300	385	356	394	337	378	60
L	319	384	Bartmes, Russell, Jr.....	S	359	404	208	304	347	363	191	345	367	120
L	35	*10	Barton, William Henderson, Jr.....	F	1	60	25	5	55	23	39	45	42	18
L	64	78	Bartow, William Russell.....	P	215	78	284	203	57	77	118	141	43	249
SC	333	378	Baruch, Jack.....	F	352	396	312	404	287	288	148	387	265	388
L	253	190	Bates, George Marshall.....	F	338	302	29	171	189	94	188	240	165	114
L	238	214	Bates, Richard Ward.....	P	1	39	29	266	154	300	302	264	320	302
L	56	91	Bavle, Joseph Robert.....	P	188	363	5	45	241	39	98	5	51	58
L	301	292	Beadling, David Allan.....	S	270	60	275	334	312	374	267	214	400	43
L	311	247	Beatty, Richard Louis.....	F	185	45	188	130	313	359	395	159	220	214
L	68	25	Becker, Jerry Thomas.....	G	116	60	143	46	61	15	46	63	77	281
L	180	331	Behrens, Donald Richard.....	R	397	390	150	346	90	301	110	228	292	201
L	244	215	Belflower, Harry Esra, Jr.....	S	241	251	269	192	65	263	258	264	148	274
L	272	239	Bell, Gregory McCaleb, Jr.....	S	298	60	360	23	328	252	337	257	333	139
L	159	127	Benton, Herbert Peyton, III.....	S	270	153	71	220	96	123	169	209	172	56
SC	336	316	Berberian, Levon, Jr.....	F	305	209	239	277	366	315	273	300	358	101
SC	372	389	Bergeaux, Floyd Enas.....	F	338	251	404	400	314	399	289	400	311	409
L	163	182	Berggren, Robert Eugene.....	P	288	78	355	240	81	239	359	373	49	289
L	60	79	Bevis, Benjamin Willey.....	S	197	45	79	189	199	117	91	207	121	42
L	246	290	Bilderback, Oral John.....	S	378	267	220	206	369	202	169	133	237	279
L	224	278	Billingsley, Patrick Paul.....	F	392	209	312	378	148	181	205	409	211	157

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E.H. & G.
								Sea.	Nav.					
L	175	179	Blakney, Walter Thomas.....	S	81	123	310	135	343	236	234	69	177	88
L	198	200	Blizard, Floyd Harry.....	S	174	251	85	233	95	325	195	50	221	179
L	330	258	Bodmer, Richard Vincent.....	S	1	101	344	138	229	311	357	315	308	251
L	290	203	Boland, Louis James.....	G	323	209	320	317	76	287	113	185	156	209
L	140	109	Bolger, Philip Hearn.....	S	284	267	129	211	41	31	116	98	167	112
SC	108	76	Borchert, William Henry.....	P	162	153	168	79	98	77	91	259	138	21
L	215	232	Bowers, Eugene Sanders.....	S	241	101	293	379	280	231	107	293	188	295
L	76	179	Bowersox, Franklin Lewis.....	S	224	363	397	291	43	137	60	40	49	377
L	304	297	Bradley, Claiborne Sheldon.....	S	410	209	151	284	271	242	210	93	141	296
L	16	30	Braley, Charles Rease, Jr.....	G	311	334	153	26	26	18	23	6	18	83
SC	191	219	Brendle, William Glade.....	F	200	153	129	236	129	224	276	178	309	174
L	229	235	Brown, Ralph Wells, Jr.....	F	343	176	143	149	267	100	238	232	256	253
SC	236	221	Bruner, John Willis.....	S	81	267	395	279	242	70	304	164	86	360
L	141	112	Brunson, James Sylvester.....	G	133	45	143	126	236	157	244	101	149	47
L	347	359	Bryant, Paul Gardner.....	S	374	302	411	350	356	344	292	141	259	258
L	20	33	Buchanan, Douglas Grayson.....	S	103	92	59	72	158	83	17	25	23	177
L	57	51	Buck, Beaumont Manor.....	S	231	209	174	61	29	69	28	116	39	224
L	109	147	Buechler, Robert George.....	F	81	302	182	186	255	185	99	101	144	22
L	346	370	Bullington, Norwood William, Jr.	R	393	123	312	385	269	382	271	323	389	286
L	406	399	Burton, Ronald Stewart.....	S	200	176	243	405	377	403	351	392	410	381
b 15 L	326	328	Callahan, James Edward, Jr.....	S	81	176	263	199	393	367	389	224	377	109
SC	138	117	Carrington, James Harrison Hewes.....	G	125	334	6	64	33	153	143	101	169	64
CEC	132	134	Carroll, Robert George.....	P	301	209	336	310	83	165	51	325	116	77
MC	151	87	Carson, Robert Ray.....	G	1	31	23	68	110	252	254	37	198	36
L	58	40	Carter, Charles Congreve, Jr.....	S	270	209	119	78	100	16	36	35	54	75
L	116	88	Castle, Ernest Carl.....	F	1	123	1	106	215	162	251	178	296	2
L	40	34	Castruccio, Nicholas Anthony.....	P	224	209	187	71	138	11	74	57	6	249
L	39	64	Caylor, John Doyle.....	F	241	78	87	23	113	91	198	10	108	32
L	342	307	Chandler, William Dwight, III.....	F	174	390	263	212	263	345	234	331	252	31
L	252	185	Chapline, Edwin MacMurray.....	F	384	334	284	75	170	124	172	112	155	8
L	75	68	Chapman, Roger Alan.....	S	116	101	234	181	38	47	120	40	154	82
L	350	323	Cheesman, Thomas Paul.....	F	250	302	328	347	222	302	255	364	362	161
L	17	21	Chew, Robert Smith, Jr.....	S	116	18	66	35	143	72	71	14	67	45
SC	343	315	Chiara, Matthew Anthony.....	F	329	45	296	386	276	327	300	408	317	319
L	384	393	Childress, Michael Lawrence.....	S	343	176	263	406	406	360	314	398	374	393
L	396	405	Chipman, William Thomas, Jr.....	S	399	390	353	254	376	400	352	369	394	100
L	194	256	Claitor, Robert Gregory.....	S	116	123	126	241	165	244	361	126	318	342
L	142	97	Clark, Wyndham Stokes, Jr.....	F	171	153	238	81	22	65	59	144	179	284
L	322	249	Clas, Richard John.....	G	1	92	106	307	246	366	338	202	257	167
L	404	410	Clithero, John Dickens.....	S	402	377	210	339	402	385	384	273	406	401
L	231	118	Cochran, Richard Arthur.....	S	1	123	64	288	91	146	127	147	239	62
L	357	355	Comerford, James Norton.....	S	288	292	409	301	317	333	392	343	363	130
L	103	128	Conable, Jack Henry.....	P	241	251	341	248	34	240	88	138	88	163
L	112	138	Conolly, Robert Carhart, II.....	F	210	302	115	268	345	71	68	47	75	104
L	117	132	Conord, Albert Edward.....	F	224	123	269	180	48	80	144	193	218	254
MC	208	145	Cooke, Leamon Randall.....	S	1	176	85	150	322	130	216	83	78	233
SC	118	105	Corson, Donald Harley, Jr.....	S	1	101	374	295	140	93	25	123	120	292
L	81	61	Coulter, Charles Parker.....	F	61	92	155	97	87	74	155	76	158	16
L	59	80	Cowden, Jack.....	P	343	209	143	199	44	67	37	101	54	171
SC	291	284	Cox, James Albert.....	S	369	209	348	112	216	112	342	222	321	303
L	273	295	Crosby, Howard Sydney.....	F	1	24	272	310	331	333	390	325	369	282
L	276	288	Crosby, James Samuel, Jr.....	F	277	123	169	362	194	329	333	297	297	236

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E. H. & G.
								Sea.	Nav.					
<i>L</i>	221	224	Crumpton, John Rives, Jr.	S	133	123	308	204	212	125	270	227	291	276
<i>L</i>	127	108	Cuddy, Thomas William	S	305	153	83	85	103	151	97	45	99	188
<i>L</i>	29	44	Cullivan, Daniel William	F	125	101	73	27	11	73	77	186	58	259
<i>L</i>	179	217	Daley, Bradley Lee	R	197	209	229	215	339	229	100	264	212	191
<i>L</i>	14	18	Damberg, Bennie Vern	S	133	123	89	37	30	24	7	32	74	107
<i>L</i>	345	264	Davenport, James Emerson, Jr. ...	S	174	209	280	328	351	259	182	276	185	291
<i>L</i>	193	122	Davis, John Meredith	S	1	18	133	61	270	217	200	7	281	224
<i>CEC</i>	160	152	Day, James Chester, Jr.	P	148	45	35	123	238	278	279	147	161	197
<i>tb L</i>	122	124	DeGoede, John	S	133	101	143	145	197	118	122	235	174	152
<i>L</i>	292	330	Deibler, Daniel Thomas	F	231	363	388	390	351	115	295	209	209	353
<i>L</i>	147	211	Delling, Leonard Verne	R	200	318	182	317	206	225	118	230	45	338
<i>L</i>	217	184	DeWitt, Dean Douglas	F	174	318	62	172	249	82	134	124	276	66
<i>MC</i>	293	318	Dickey, Robert Russell, III.	F	387	334	305	250	295	206	266	240	260	160
<i>MC</i>	287	312	diLorenzo, Lucius Vincent	S	81	377	194	41	329	244	383	29	353	99
<i>L</i>	130	207	Dittmann, George William	F	224	176	17	287	187	266	241	240	171	174
<i>L</i>	48	57	Dittmar, William Daniel	P	301	60	68	104	63	211	15	188	102	81
<i>SC</i>	352	354	Doddy, William Francis	F	323	267	355	270	203	353	298	398	383	345
<i>L</i>	84	103	Dorris, Claude Eugene	F	288	39	188	90	104	144	151	71	156	201
<i>L</i>	280	285	Dorsey, Laurens	F	1	176	217	352	250	354	264	394	307	208
<i>L</i>	382	334	Dowd, Benjamin Simeon, Jr.	R	391	292	41	195	364	296	363	171	332	89
<i>MC</i>	387	387	Duncan, Edward Franklin	P	215	78	336	402	410	395	407	334	273	399
<i>L</i>	136	213	Duncan, Norman Lee	S	409	92	221	239	72	174	123	218	72	391
<i>L</i>	124	100	Duncan, Richard Thomas, Jr.	S	1	60	59	132	165	86	287	57	189	43
<i>L</i>	403	400	Duncan, Robert Dewey	P	153	209	251	380	368	402	409	405	409	330
<i>CEC</i>	201	161	Dunn, Sydney Worth, Jr.	F	241	31	191	51	262	180	229	254	329	135
<i>SC</i>	205	154	Dunwoody, Kenneth Webster, Jr. ...	S	162	101	323	224	247	119	94	140	197	271
<i>b L</i>	334	332	Dupree, James William, Jr.	S	314	377	255	178	290	264	391	35	275	162
<i>L</i>	212	266	Easterlin, William Frank, Jr.	S	338	176	341	52	151	173	305	129	348	311
<i>L</i>	5	*11	Eaton, Rex Carr, Jr.	P	174	78	99	8	4	48	11	109	31	126
<i>L</i>	85	60	Ellis, Dewey Allen, Jr.	S	94	267	10	15	3	66	212	228	132	49
<i>L</i>	94	192	Engel, Gordon Reed	F	369	251	157	79	122	179	201	197	170	142
<i>L</i>	262	282	Estes, Leland Frederick	F	174	302	353	245	353	163	180	315	182	375
<i>SC</i>	410	408	Evans, William Henry, Jr.	S	343	351	403	410	354	410	406	410	407	204
<i>L</i>	237	231	Evasovich, John	R	257	209	282	323	259	341	232	147	217	11
<i>L</i>	265	276	Everngam, John Lester, Jr.	F	125	209	251	375	311	106	214	330	199	404
<i>L</i>	374	299	Eyler, Emil Mervin	R	188	101	260	142	260	365	217	147	391	348
<i>L</i>	363	310	Fisher, William Robert, Jr.	S	133	78	182	373	194	370	192	315	381	390
<i>L</i>	19	27	Fleming, Edward Bowen	F	231	123	296	1	263	7	115	16	25	53
<i>L</i>	302	296	Fletcher, John Asserson, II	F	103	377	226	284	284	194	303	347	185	191
<i>tb CEC</i>	98	110	Fluss, Richard Merrill	S	1	292	200	137	326	38	137	180	97	26
<i>L</i>	53	130	Fogarty, Francis Charles	G	361	267	13	118	79	198	149	98	175	5
<i>L</i>	28	47	Foulds, Donald Duane	S	1	6	155	182	102	177	138	112	43	322
<i>13</i>	3	*3	Fowler, Charles Addison, III.	S	1	39	111	16	14	4	6	30	12	24
<i>L</i>	120	90	Frahler, Andrew Louis	G	125	101	205	107	53	256	82	18	109	190
<i>L</i>	232	301	Fraser, Ian Nairn	F	375	39	129	393	297	357	382	384	125	319
<i>L</i>	240	240	Frothingham, Edward, Jr.	F	94	123	200	271	171	218	251	232	330	309
<i>L</i>	51	32	Gabriel, Wallace Sulveanus	S	103	78	273	28	74	29	121	20	66	93
<i>SC</i>	169	208	Gaffgan, John Paul	G	200	351	308	233	127	153	21	375	123	380
<i>L</i>	268	262	Garner, Stanton Berry	F	314	209	62	115	172	330	282	240	349	96
<i>L</i>	50	62	Gates, Herbert Kenneth, Jr.	F	318	292	355	76	36	36	3	193	65	210
<i>L</i>	157	170	Gaylord, Sidney Woodruff, Jr.	S	215	176	196	306	175	126	61	153	251	214
<i>b SC</i>	366	317	Ghormley, Robert Lee, Jr.	S	174	45	164	363	363	363	399	254	378	116
<i>SC</i>	284	309	Gleason, Lewis Edson	S	133	209	370	260	207	305	309	280	250	397

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

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Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	F. E.	E. H. & G.
								Sea.	Nav.					
L	378	372	Goodwin, George Edward.....	R	318	372	157	294	298	349	223	319	376	343
b L	149	175	Goodwin, Hugh Hilton, Jr.....	S	188	351	284	88	73	104	116	59	322	73
L	222	206	Goodwin, Ralph Talbot, Jr.....	F	153	377	40	94	198	192	78	9	345	35
L	256	229	Gornik, Raymond Ignatius.....	F	257	302	21	276	275	213	204	361	183	52
L	126	124	Gracey, Jack Lynn.....	F	174	101	344	116	137	168	105	147	124	266
tb L	249	234	Grady, Morris Reed.....	F	103	123	169	157	321	195	398	38	302	67
L	409	404	Graham, Warren Curry, Jr.....	S	369	209	122	313	378	405	410	367	408	326
L	219	238	Gralow, Frederick Henry.....	F	301	318	251	160	131	188	275	71	219	172
L	308	257	Gray, Ernest Joel.....	P	61	267	391	338	205	209	313	95	253	398
L	52	85	Gurman, Harold.....	R	61	176	54	96	68	166	45	335	34	313
L	82	131	Hall, Donald Brooks.....	S	61	176	344	193	173	111	188	55	213	29
MC	188	198	Hall, Richard Nelville, II.....	F	215	251	196	190	169	273	220	254	181	71
L	54	35	Halladay, Norman Lewis.....	F	94	45	106	60	13	26	108	12	180	136
L	216	252	Hallman, Albert Bailey.....	P	390	153	275	295	133	133	261	371	203	244
MC	400	402	Hamilton, Henry Clay, Jr.....	S	397	351	370	330	399	397	278	306	271	403
L	139	165	Hamlin, David Richard.....	S	255	251	210	387	357	255	106	271	7	228
L	196	228	Hanby, Robert William, Jr.....	F	185	92	122	216	176	182	322	53	324	314
L	71	73	Hanlon, Kevin.....	S	323	209	325	53	165	22	20	53	72	217
MC	353	287	Hansen, Dean Benjamin.....	P	1	123	320	268	337	342	314	362	228	333
L	209	143	Harris, Harley Stafford, Jr.....	P	301	31	56	261	116	121	161	38	340	187
L	258	176	Harris, Wade Hampton.....	S	200	267	114	271	305	188	75	315	56	272
L	277	177	Hartshorn, David Lawrence.....	F	1	292	19	101	315	215	215	235	116	114
L	34	38	Hathaway, Charles Edward.....	F	1	17	42	38	6	153	183	20	241	56
L	227	271	Hatmaker, Douglas Blaxland.....	G	61	153	291	395	371	321	358	80	285	20
L	257	189	Hawe, Stanley Russell.....	R	174	92	246	164	323	200	87	235	150	376
L	189	160	Hebden, Edward Booth, II.....	F	1	123	191	205	185	138	78	136	248	358
SC	340	361	Henderson, Richard Ivan.....	S	343	408	406	197	89	315	90	374	242	402
L	312	293	Hendrix, Leonard Milton.....	S	133	302	234	280	256	158	307	212	287	348
b L	266	242	Henry, Albert Gallatin, Jr.....	F	230	334	385	252	117	248	49	245	224	319
L	154	172	Herlihy, John Daniel, Jr.....	S	162	45	394	225	156	206	381	153	98	267
SC	281	333	Hernandez, Lawrence Casimiro, Jr..	S	377	318	174	290	289	318	289	202	268	236
L	360	383	Hines, Charles Wainwright.....	S	365	404	325	152	330	244	294	25	368	327
L	356	386	Hintz, William Robert.....	F	288	318	45	339	407	299	379	297	396	261
L	41	83	Hodson, Richard Buchet.....	F	241	60	174	183	118	98	175	328	85	37
CEC	*2	*2	Hoffman, George Lee.....	F	132	18	9	6	70	1	19	23	9	95
CEC	104	31	Hogan, Charles Bernard.....	S	1	176	305	119	24	41	30	59	32	148
L	354	358	Holder, Hugh Scott.....	R	148	292	239	396	180	374	388	396	403	132
SC	337	340	Holstein, Dudley.....	F	305	396	317	198	299	296	264	276	271	207
MC	156	173	Howard, Lee Roy.....	R	162	153	294	139	193	50	160	289	266	306
SC	318	265	Humphrey, Harvey Randolph.....	S	255	209	312	325	181	351	159	337	278	182
L	391	380	Huntington, Robert Dinsmore, Jr..	S	401	318	226	348	357	331	360	23	360	217
L	279	202	Hurt, David Albert, Jr.....	S	148	123	122	109	285	201	239	124	261	195
L	259	275	Huss, Karl Hubert, Jr.....	S	318	351	325	336	174	191	125	155	107	400
L	351	286	Ikard, William Goebel, II.....	S	335	377	310	213	191	283	247	309	190	85
L	168	93	Ivey, James Murphy, Jr.....	F	200	11	121	372	120	129	63	350	175	216
L	73	69	Jackson, Frederick Dewey, Jr.....	S	1	123	129	256	36	84	22	280	29	368
L	99	98	James, John William.....	S	224	176	59	165	106	152	34	188	56	261
L	314	294	Jansen, Alan Lester.....	S	329	176	275	324	228	254	350	235	239	273
SC	338	365	Jay, Leonard Alfred, Jr.....	S	379	334	400	330	240	319	334	257	282	350
L	47	107	Jensen, John Lawrence, Jr.....	F	1	153	231	281	62	156	64	180	127	201
L	78	115	Johnson, Francis Clinton.....	P	61	153	167	174	132	248	32	188	126	238
L	325	375	Johnson, Henry Biddle.....	S	288	251	370	381	375	383	355	313	399	144
SC	331	360	Johnston, William Elbert.....	F	305	176	302	194	303	361	293	388	405	356

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Apptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E.H. & G.
								Sea.	Nav.					
L	178	83	Jones, Harry Lloyd	F	61	153	68	65	79	114	178	88	128	65
L	162	53	Kanakanui, William Atherton, Jr.	F	103	24	331	73	88	159	136	155	135	17
SC	228	261	Kay, Howard Norman	R	1	176	182	274	227	336	300	276	366	38
L	23	42	Kays, Jack Clark	S	382	209	56	167	121	28	10	49	14	72
L	164	212	Keen, William Harvey	G	116	176	68	353	189	260	198	300	105	339
MC	167	178	Kelly, Charles Joseph	F	362	363	191	190	234	106	51	63	79	154
L	245	197	Kelty, Kenneth	G	113	372	339	223	188	95	80	62	113	331
L	86	70	Kenyon, Robert Eugene	F	288	176	254	47	105	44	140	67	110	12
L	187	223	Key, Harry Newton, Jr.	S	380	60	255	246	216	303	179	209	195	163
L	110	54	Kilduff, Thomas Francis, Jr.	F	215	267	49	20	139	42	83	33	89	13
L	402	406	King, Robert Edward	F	399	401	216	364	306	396	344	404	336	240
L	364	337	Kleinman, Burton Howard	S	81	390	275	359	222	350	181	239	230	372
L	254	268	Kline, Herbert Schuyler	R	393	318	355	127	49	170	221	343	253	170
L	42	19	Klinefelter, John Winton	S	162	15	35	117	125	61	43	212	41	67
L	74	82	Korb, Edward Leon	G	210	251	87	230	63	143	28	159	46	148
L	148	151	Kunin, Seymour Lewis	F	197	123	109	284	202	247	150	342	213	14
L	251	274	Lafferty, Frederick Reid, Jr.	R	1	60	169	155	396	309	396	144	303	226
b L	377	369	Landis, Arthur, Jr.	F	81	267	381	355	341	389	338	395	347	367
L	274	263	Lane, Charles Morgan	S	210	267	229	242	307	186	263	273	327	97
SC	376	367	Langone, William Nicholas	F	250	372	391	382	232	401	311	391	288	212
L	390	394	Langton, Charles Hamilton	F	395	267	143	361	390	376	365	389	373	280
L	46	55	Laubendorfer, William Jerome	F	61	267	126	59	31	59	48	105	102	70
L	92	114	Law, Jason Pierce	S	188	123	317	95	136	90	259	225	59	183
L	306	351	Lawler, Paul Douglass	S	305	267	203	305	365	380	272	259	222	406
is	235	298	Lea, Hugh Ochiltree	F	407	396	370	33	253	140	95	129	161	239
b L	270	242	Lee, Robert Lowry, Jr.	S	263	363	50	184	211	128	144	340	161	285
CEC	295	344	Lee, Robert Stanley, Jr.	G	359	334	302	400	248	285	342	202	279	247
L	261	204	Lee, William Westfall, Jr.	F	1	101	210	289	301	113	336	120	248	146
CEC	88	71	Leighton, George Arthur, Jr.	S	153	153	182	206	111	52	42	197	112	84
L	184	186	Levy, Edgar Sidney, Jr.	S	171	389	301	231	157	196	142	109	96	28
SC	278	226	Lewis, Charles Lester	S	188	176	79	168	379	139	251	105	184	256
L	161	218	Lewis, William White, Jr.	S	277	372	367	214	19	101	164	116	258	184
SC	123	74	Lipschutz, Harold Berton	R	352	101	23	30	54	29	93	83	144	220
L	300	291	Loeffler, Aubrey Linville	G	103	101	164	275	324	290	282	206	323	381
L	239	255	Loheed, Hubert Bradford	S	329	153	284	353	85	314	260	283	316	122
L	369	391	Lowdenslager, John Rowland	F	373	407	405	390	301	284	377	382	100	384
b L	242	269	Lyle, Robert Bruce	P	250	251	15	119	400	212	228	193	349	87
L	247	277	Markel, Arthur Lyman	S	298	60	263	273	309	272	380	51	352	195
L	8	*5	Marsh, Marvin Dale	P	1	11	45	19	45	17	34	30	62	34
L	102	106	Marshall, George Wendell	P	188	24	99	56	149	150	176	184	223	220
L	327	353	Martenson, Paul Vincent	S	362	363	331	314	357	337	225	269	309	233
L	373	376	Matia, Thomas Edward	F	284	292	408	349	281	381	372	406	301	363
L	137	169	Matthews, Frank Edward	P	241	209	90	98	347	140	203	88	89	217
L	197	199	McCallum, Elmer Austin, Jr.	P	94	123	93	140	161	296	329	169	288	58
L	367	339	McClure, William Lowrie	P	263	176	331	333	278	223	373	328	305	408
L	385	395	McConeghy, John Knox, Jr.	S	404	403	390	321	266	358	234	407	245	301
L	83	74	McCord, John William	R	103	11	3	254	233	131	163	115	143	151
MC	12	*6	McCurdy, Floyd Miles, Jr.	P	133	15	20	4	10	10	66	63	22	231
L	211	195	McFarland, Milton Clay	P	270	209	25	7	374	163	269	18	255	91
L	77	56	McGihon, Robert Sidney	F	332	267	402	143	17	122	5	193	17	118
L	294	279	McIntyre, Andrew	S	148	153	234	219	333	326	201	363	339	247
L	307	250	McIver, Donald Anthony	P	174	377	322	394	142	352	212	357	10	316
L	339	273	McKechnie, Russell Roland	S	238	78	260	209	258	324	223	377	335	337
L	133	123	McKinley, Marvin "M," Jr.	S	277	101	93	121	97	169	257	297	23	298

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E.H. & G.
								Sea.	Nav.					
<i>L</i>	250	156	McLaughlin, Edward Francis, Jr.	G	133	92	296	82	78	262	234	171	206	254
<i>L</i>	248	251	McMahon, John Rodmond, Jr.	F	263	351	33	111	181	241	230	55	300	165
<i>CEC</i>	36	66	McManus, Edward Allen	P	277	267	151	99	5	60	55	88	76	166
<i>L</i>	375	377	Meenan, Robert Hugh	F	1	396	385	101	395	214	387	219	390	287
<i>L</i>	135	142	Melhorn, Robert Edward	G	362	363	339	40	7	85	50	76	121	270
<i>L</i>	234	164	Mellencamp, James Irving	S	81	318	56	256	222	89	101	186	168	145
<i>L</i>	355	385	Menkes, Murray	S	332	302	296	357	336	392	328	333	398	245
<i>tb NR</i>	288	336	Mercer, Robert Borden	P	1	334	126	112	387	308	369	293	401	49
<i>L</i>	9	16	Mertz, Charles, III	G	60	60	122	100	27	37	17	47	53	98
<i>L</i>	358	397	Meyers, Edward William	F	395	404	97	302	257	339	349	321	286	379
<i>a</i>	407	407	Montalvo, Jorge Isaac ¹	S	231	404	226	409	386	397	345	397	346	297
<i>MC</i>	190	146	Mohr, Ben Adams, Jr.	S	1	18	312	283	109	134	250	136	344	206
<i>L</i>	388	349	Moore, Howard Bradford	F	343	372	323	365	235	372	335	259	140	325
<i>L</i>	37	86	Moore, James Riley, Jr.	S	61	153	97	220	308	135	80	80	19	129
<i>L</i>	310	144	Moore, Roderick Bruce	F	323	45	138	299	273	269	89	311	36	290
<i>L</i>	90	89	Moore, Sumner Kittelle	F	94	18	43	210	317	110	316	78	153	6
<i>L</i>	316	329	Moore, William Vincent	P	188	176	388	295	296	323	288	386	312	378
<i>L</i>	260	241	Morris, Donald Robert	F	241	390	52	199	239	295	341	313	263	1
<i>MC</i>	218	149	Morrow, Richard Cox	S	1	39	133	128	292	250	248	40	247	127
<i>L</i>	15	41	Moss, Eugene Carl	R	162	153	249	83	58	13	47	197	21	288
<i>L</i>	31	76	Moureaux, Peter Ramsey	F	352	176	39	18	155	56	172	4	119	10
<i>L</i>	21	24	Mulbrey, Leonard William	S	238	101	268	11	86	32	54	91	27	102
<i>b 15 L</i>	359	379	Myrick, James Egerton	F	298	302	367	350	218	368	376	293	387	363
<i>L</i>	275	280	Neely, Robert Roy, Jr.	S	257	153	157	225	394	237	368	139	196	257
<i>L</i>	96	102	Nelson, Frederick Louis	S	1	24	367	91	60	228	277	219	226	48
<i>L</i>	370	324	Nicholson, Richard Earl	F	133	31	387	356	362	338	370	366	378	322
<i>22</i>	305	382	Niland, Kennedy	G	403	334	329	316	389	362	308	269	106	394
<i>L</i>	155	225	Noblet, Eugene John	F	103	176	35	168	176	265	327	202	319	119
<i>b L</i>	408	409	Nolen, Dan Richard	F	305	267	365	408	409	404	385	384	410	
<i>MC</i>	341	368	Norton, Merrill Lafayette	S	81	377	288	367	401	377	285	367	372	39
<i>L</i>	309	281	Nottingham, Robert Preston	F	341	302	249	218	146	304	323	403	160	179
<i>L</i>	395	371	Nugent, Thomas Henry, Jr.	G	1	251	273	339	397	386	400	379	326	341
<i>L</i>	381	390	Oberrieder, John Lou	S	311	267	395	388	252	384	319	402	388	407
<i>L</i>	10	*7	O'Friel, Mark John	F	61	209	35	2	20	5	2	105	101	33
<i>MC</i>	171	237	O'Keefe, Keith	S	125	101	15	172	316	290	188	347	269	317
<i>L</i>	230	196	O'Reilly, Robert Ward	F	323	176	382	277	219	87	286	109	95	223
<i>L</i>	105	126	Orr, Frank Wylie, Jr.	S	133	176	190	32	253	149	209	78	110	103
<i>L</i>	200	248	Ortlieb, Edward Joseph	F	388	334	307	343	99	219	184	263	80	156
<i>MC</i>	95	140	Paciulli, Orlo Charles, Jr.	S	1	45	54	123	133	202	318	225	147	283
<i>L</i>	267	319	Palmer, Gerald Lewis, Jr.	F	162	351	115	309	370	293	340	155	200	263
<i>MC</i>	405	392	Perkins, John Marshall	F	380	377	360	368	342	404	273	354	284	351
<i>L</i>	399	388	Pester, Benjamin Hugh	R	382	390	331	376	397	268	244	376	298	306
<i>13</i>	158	205	Peterson, John David	G	270	377	179	129	147	62	225	83	84	309
<i>L</i>	365	325	Peterson, James Earl, Jr.	S	1	318	379	343	213	335	325	174	324	308
<i>L</i>	65	52	Pierson, William Corbusier	S	153	176	169	50	77	108	139	11	38	23
<i>L</i>	296	305	Pittman, Ray Carlton	P	238	251	380	308	335	238	317	364	357	51
<i>L</i>	32	36	Poteet, Alonzo Marcus, Jr.	G	1	6	11	31	293	75	113	164	129	105
<i>L</i>	43	59	Pruner, Delton Boyer	S	188	351	174	17	39	34	12	74	104	130
<i>L</i>	204	236	Pyle, Robert Oliver, Jr.	S	343	209	153	58	130	167	345	322	327	91
<i>L</i>	4	*4	Quinn, Paul Lewis	S	1	6	157	161	20	25	14	188	4	150
<i>L</i>	100	94	Ransom, Charles Edgar, Jr.	R	215	176	81	151	164	175	104	247	82	7
<i>L</i>	283	289	Rardin, Hugh Barr	G	1	123	234	264	367	275	242	164	334	370
<i>MC</i>	225	210	Reem, Robert Dale	F	153	176	359	131	119	132	196	305	263	332

¹ Name changed from Montalvo, Jorge.

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E.H.&G.
								Sea.	Nav.					
L	63	48	Rees, Walter Llewellyn.....	S	61	267	196	143	112	88	70	174	5	142
b CEC	398	403	Remsen, Henry.....	F	375	251	410	397	387	393	354	372	371	392
L	195	283	Rennacker, Harvey Everett.....	R	407	318	14	85	303	116	325	249	30	383
L	61	50	Resch, Earl Frederick.....	G	61	31	138	112	108	79	13	126	178	222
L	30	*9	Rice, Edwin Cromwell.....	S	1	209	4	9	25	2	9	80	35	79
L	368	363	Riggins, Ward Parmalee, Jr.....	S	224	363	374	244	405	276	240	286	274	395
L	13	28	Riggs, Guy Wadsworth.....	G	200	123	32	57	51	53	26	207	61	61
MC	173	201	Robbins, Jack Windsor.....	S	81	123	43	227	331	292	171	164	234	140
L	185	254	Robbins, Knight Michael.....	S	94	251	90	163	107	355	291	249	386	55
SC	329	346	Robiner, Harold Leo.....	R	103	334	341	384	294	347	299	356	290	336
L	182	270	Robinson, Rufo William.....	S	262	334	290	339	94	390	44	350	232	228
L	174	159	Rogers, Edward Brien, Jr.....	F	200	209	95	155	82	215	140	180	233	167
L	166	150	Rogers, Joseph Philip, Jr.....	S	153	45	231	152	133	199	153	188	314	226
L	25	29	Rogers, William Alexander, Jr.....	F	153	267	115	69	67	27	26	50*	15	123
b L	332	374	Ross, Donald Scott.....	F	357	251	350	398	230	369	402	347	360	230
L	321	364	Ross, Ernest Horace, Jr.....	S	250	176	161	377	391	388	378	353	364	232
L	153	194	Ross, Terry Allan.....	S	162	209	76	220	186	251	156	141	341	27
L	49	39	Roulston, Andrew Thomas.....	S	188	60	73	123	100	14	31	95	92	276
L	70	104	Rubenstein, Richard Byron.....	S	241	123	11	145	92	221	103	161	114	94
MC	183	253	Rudzis, Edwin Michael ²	R	215	60	280	317	123	306	221	276	393	213
L	107	303	Russell, John Alexander.....	S	388	318	338	303	194	286	157	162	208	263
MC	210	113	Russell, Roy Kenneth.....	S	94	31	399	317	163	277	38	352	136	124
L	33	23	Sallada, William Farnsworth.....	S	133	60	67	43	18	54	66	8	70	109
L	176	190	Sawyer, William Glenn.....	S	200	101	50	48	384	222	282	135	231	40
tb MC	62	43	Schneider, Richard Dana.....	S	231	24	133	177	201	64	162	120	16	117
L	150	120	Schofield, Albert Richardson, Jr.....	R	357	302	194	25	15	99	152	83	40	327
L	202	67	Schultz, Robert Allan.....	G	61	45	221	175	181	109	102	33	68	179
L	55	58	Schwoeffermann, Robert Eugene.....	F	1	3	102	315	75	289	51	309	118	292
L	213	260	Scott, Richard Underhill.....	F	277	1	207	389	361	378	347	357	353	243
L	67	135	Searle, Robert Howland.....	P	343	123	52	237	84	204	167	357	63	174
L	297	302	Searson, Ruell Arnold.....	P	116	377	348	258	349	269	129	286	152	340
b L	394	398	Settle, Henry Thomas, Jr.....	S	351	267	179	407	380	408	280	400	382	374
L	362	335	Sheehan, Charles Augustus.....	F	332	209	377	243	214	317	246	331	365	373
L	199	141	Sherrill, Peter Nathaniel.....	S	113	123	28	135	272	146	109	174	244	90
L	389	356	Sherwood, Jack Nathan.....	P	61	334	164	291	288	322	393	390	351	343
L	324	259	Shimmel, Albert Francis.....	R	61	153	383	176	281	279	186	360	369	159
L	93	153	Shimshak, Richard Edward.....	S	1	1	109	152	340	187	366	129	293	359
CEC	303	209	Shook, Colonel Judson, Jr.....	F	61	176	255	335	337	234	154	283	725	54
L	348	300	Silvey, Jack Royden.....	G	284	334	95	251	334	250	146	306	261	263
L	44	72	Small, William Newell.....	S	113	176	138	61	46	274	56	2	91	85
SC	344	314	Smeds, James Harold.....	S	81	101	317	145	244	391	403	249	385	107
SC	11	12	Smith, David Marquis.....	F	171	31	161	10	8	9	86	128	83	78
SC	383	373	Smith, Edgar Newbold.....	F	257	153	246	370	381	407	353	319	397	210
L	146	133	Smith, Harold Frederick, Jr.....	S	263	153	25	133	203	58	243	169	229	30
SC	255	246	Smith, Morris Montell.....	S	386	292	102	168	220	235	230	249	238	15
L	214	166	Smith, Robert Caldwell, Jr.....	S	270	209	352	54	251	161	75	249	192	155
MC	69	45	Smith, Robert Norman.....	S	94	5	263	107	151	57	128	129	133	269
L	285	233	Smusyn, Nicholas William.....	S	270	92	210	162	277	190	311	164	342	113
L	125	148	Spalding, Thomas Clayton.....	S	133	60	169	330	124	232	129	354	159	241
SC	101	65	Speer, Wilburn Albright, Jr.....	G	81	78	167	92	35	175	57	40	144	136
L	282	272	Sprince, Richard Hinden.....	G	1	351	360	237	320	105	249	230	134	386
L	379	347	Springe, Richard Joseph.....	F	318	302	255	369	350	309	386	311	305	177
L	298	327	Stacy, Edward Frost.....	S	125	209	133	265	319	312	361	346	338	361

² Name changed from Rudzis, Edwin.

Relative standing of the midshipmen of the graduating class (class of 1948-B), 410 members—Continued

[F—French; G—German; P—Portuguese; R—Russian; S—Spanish]

Symbol (See p. 28)	Relative standing for completed course	Relative standing for last year of course	Name	Language studied	Relative standing for last year in—									
					Conduct	Aptitude	Leadership	S. & N.		O. & G.	M. E.	Aviation	E. E.	E.H.&G.
								Sea.	Nav.					
<i>L</i>	177	157	Stanley, Thomas Eugene.....	F	148	209	133	186	113	183	280	116	194	46
<i>L</i>	66	37	Stephens, Don Richard.....	S	133	123	47	36	71	6	185	15	93	63
<i>L</i>	38	48	Strahley, Charles Glasgow.....	S	210	4	21	232	237	140	197	13	37	241
<i>SC</i>	315	311	Stringfellow, Hart Robert, Jr.....	S	1	78	239	261	346	373	321	303	402	188
<i>MC</i>	299	345	Strother, James William.....	S	365	318	18	399	230	387	177	323	279	351
<i>L</i>	152	167	Struyk, Richard.....	P	277	209	111	157	153	230	146	234	137	185
<i>L</i>	269	222	Styer, Robert Turner.....	R	250	45	115	295	300	136	168	381	226	368
<i>SC</i>	87	92	Suit, Charles Lee, III.....	F	263	396	363	55	40	40	62	94	13	124
<i>L</i>	106	181	Sullivan, George Harold, Jr.....	R	314	318	377	145	192	92	65	262	71	317
<i>L</i>	143	162	Supancic, Edward Paul.....	S	94	176	282	253	58	192	111	286	190	292
<i>13</i>	392	348	Sutter, Edwin Joseph.....	S	257	209	397	310	209	307	348	306	355	398
<i>b 16 L</i>	*1	*1	Suttil, Francis John, Jr.....	G	1	45	2	3	2	3	1	3	1	3
<i>L</i>	386	362	Tagliente, Joseph Patrick.....	S	284	318	275	322	310	313	295	337	337	389
<i>L</i>	114	119	Tatum, Robert McElfresh.....	R	1	292	29	85	279	208	193	214	81	4
<i>L</i>	27	16	Taylor, Boone Case.....	S	1	209	179	21	9	8	33	25	48	111
<i>L</i>	371	352	Thiele, Karl Revere.....	G	61	209	366	261	383	328	331	293	395	354
<i>L</i>	97	129	Thompson, Albert James.....	G	185	78	84	282	141	257	135	222	115	198
<i>L</i>	271	308	Thornhill, David Randolph.....	S	335	267	364	326	327	281	187	155	138	387
<i>L</i>	128	116	Tiernan, Frank Stanford.....	F	116	123	143	93	56	184	165	370	187	67
<i>MC</i>	397	365	Tobin, Robert Gibson, Jr.....	S	356	153	296	365	355	346	397	335	314	366
<i>L</i>	115	137	Townsend, Herbert Newton.....	S	263	302	221	188	226	126	125	174	28	105
<i>L</i>	79	99	Treadwell, Kenneth Myron.....	G	1	153	200	141	221	81	85	73	142	73
<i>SC</i>	220	158	True, Howard Albert.....	S	1	18	374	266	127	294	331	74	151	303
<i>L</i>	186	121	Tsiknas, John Constantine.....	R	277	267	291	29	265	63	157	91	26	259
<i>SC</i>	18	15	Vance, Robert Camille.....	P	1	24	8	84	150	12	71	22	20	251
<i>L</i>	223	245	Van Kirk, Robert Walter, Jr.....	F	313	351	350	233	113	160	165	98	161	305
<i>L</i>	289	304	Villarreal, Carlos Castaneda.....	S	210	101	6	249	408	320	401	216	245	198
<i>L</i>	264	343	Vinsel, John Edward.....	G	323	302	161	383	392	340	256	171	235	324
<i>L</i>	206	230	Wagenfield, Quentin William.....	P	125	334	75	39	245	171	371	245	130	193
<i>L</i>	172	187	Wainwright, Robert Ernest.....	S	288	101	64	88	243	205	319	216	166	133
<i>L</i>	119	171	Walehko, Daniel Paul.....	P	231	351	393	66	144	76	83	180	86	356
<i>L</i>	181	162	Ward, James Frederick, II.....	S	337	123	111	70	93	146	207	268	243	167
<i>tb SC</i>	121	81	Webster, Kenneth Bruce.....	F	103	9	120	185	23	282	206	162	210	146
<i>L</i>	26	20	Wegner, William.....	P	314	24	78	195	1	43	8	280	52	278
<i>CEC</i>	361	350	Weir, Marvin Allen.....	P	288	292	138	359	382	243	305	325	303	384
<i>L</i>	111	101	Wells, Elbert Newman.....	S	1	39	102	66	179	45	129	108	215	365
<i>L</i>	144	155	Welsh, James Keating, Jr.....	F	174	45	72	159	168	258	295	264	204	141
<i>L</i>	91	95	Wheeler, Richard Olma.....	S	153	251	205	41	199	102	71	95	94	76
<i>L</i>	145	136	White, John Floyd, Jr.....	R	153	401	48	73	208	46	123	219	68	25
<i>L</i>	323	337	White, Joseph Phil.....	S	405	209	81	228	290	261	324	240	283	346
<i>L</i>	243	216	White, Warren Paul.....	P	1	209	76	133	373	210	356	283	206	19
<i>L</i>	317	320	Whitmore, Charles Abbott, Jr.....	S	352	209	196	337	372	226	194	289	201	404
<i>L</i>	401	396	Wilkes, Gilbert, III.....	R	385	410	302	328	261	348	129	392	359	274
<i>L</i>	129	168	Williams, Stanwix Mayfield.....	G	162	377	255	49	52	95	96	68	131	355
<i>L</i>	233	220	Wilson, Joseph Aloysius.....	F	215	334	288	291	160	120	129	377	173	157
<i>L</i>	7	*8	Wilson, Thomas Bryan, Jr.....	R	1	153	246	13	69	21	4	122	11	41
<i>L</i>	134	183	Woods, Thomas, II.....	S	61	9	203	373	145	172	261	383	298	371
<i>L</i>	89	111	Wright, David Lloyd.....	P	1	78	208	34	126	68	211	134	293	133
<i>L</i>	72	46	Wright, George Searcy.....	S	318	176	384	101	50	51	39	144	64	9
<i>L</i>	6	13	Wurlitzer, Robert Edward.....	P	1	101	269	22	161	20	16	52	3	235
<i>L</i>	113	96	Zacharias, Ellis Mark, Jr.....	S	1	123	335	390	42	97	172	300	2	396
<i>L</i>	226	322	Zimmerman, Jack Pearce.....	S	61	409	243	208	273	232	309	83	204	121

NOTE.—Where relative standing is in excess of the membership, such relative standing is based on the membership of the class at the time the work was completed.

PRESENT FIRST CLASS

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948.

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Aptitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	398	Achee, Emile Walton.....	568	6	8	781	340	496	165	569	507	108	43
	528	Adams, Francis McKee, Jr.....	217	410	431	411	747	379	730	547	381	679	743
	293	Adams, Richard Dale.....	203	342	721	177	506	406	198	280	130	574	507
	158	Adkins, Edward Cleland.....	286	192	53	224	81	218	394	413	231	24	446
	782	Agnew, Richard Scott.....	741	706	595	774	773	792	730	791	739	483	271
	702	Albers, Hugh Wallick.....	667	748	497	497	665	712	440	686	724	410	169
	*59	Alderman, Edward Lane.....	286	613	391	3	65	46	27	186	10	355	357
	406	Aljoe, Robert Belknap.....	722	124	670	541	278	423	100	338	576	266	4
	*77	Allen, David Sledge.....	142	32	198	253	86	63	227	52	106	349	271
	*73	Allen, Milton Nicholas.....	621	6	174	146	167	44	232	46	68	445	703
	369	Altman, Norman.....	437	485	319	230	484	415	352	670	393	68	446
	*29	Alvis, John Hubbard.....	286	124	166	315	33	10	31	45	3	143	271
	*74	Anderson, William "B", Jr.....	73	24	457	72	76	118	24	113	212	168	43
	*33	Annenberg, Ted Max.....	1	71	473	47	15	37	17	27	119	142	357
	745	Ardinger, Robert Hall.....	775	783	116	730	778	738	712	762	781	37	4
	396	Armstrong, William Alvin.....	749	150	473	166	287	487	49	608	250	666	446
	264	Ashcroft, Dale LeRoy.....	374	410	487	472	201	274	570	413	191	193	108
	359	Atkins, A. J. Martin.....	470	49	729	339	488	264	427	324	439	545	651
	641	Bacchus, Wilfred Alan.....	591	150	85	541	662	747	398	701	690	341	43
	691	Bacon, Allan Francis.....	568	283	695	715	662	623	696	699	683	631	598
	132	Bacon, John Anderson, Jr.....	286	124	445	157	152	131	212	222	235	56	507
	713	Bading, Herman Morris.....	286	485	649	670	602	565	727	744	751	771	446
tb	794	Bailey, Gilliam Maxwell.....	797	768	793	590	782	769	669	773	779	794	651
	639	Bailey, Richard Taylor.....	710	577	406	661	690	583	522	734	602	414	4
	151	Bajus, John Clair.....	256	91	391	247	180	257	305	289	113	146	108
	244	Baker, Robert Felix.....	142	91	212	491	125	349	58	280	313	414	169
	*88	Balch, Allen Horace.....	73	342	30	72	17	121	64	338	127	98	271
	251	Balko, William John.....	555	485	305	563	334	384	382	270	80	252	43
	288	Baltar, Jack Eikel.....	534	150	457	355	162	461	278	324	229	295	703
	423	Barden, Robert.....	217	410	660	483	530	455	298	257	417	505	4
	*36	Barkley, Henry Brock, Jr.....	217	124	20	89	34	66	39	71	45	129	43
	*33	Barrow, John Curtis.....	142	1	219	39	110	69	52	64	104	234	108
	589	Barrow, John Franklin.....	506	535	174	230	510	635	727	456	667	639	598
	768	Barrow, Joseph James.....	684	410	431	764	793	745	767	608	731	791	108
	729	Barsness, Erling Ormseth.....	1	410	555	483	777	749	696	691	712	757	743
	547	Bartholomew, Byron Simpson, Jr.....	691	236	778	381	687	409	623	663	401	728	169
	673	Bassett, William Dale, Jr.....	374	485	497	563	735	709	382	677	725	373	271
	206	Bassing, Bernard Edward.....	515	283	538	391	81	193	129	208	217	305	43
	736	Bauman, Charles Joseph, Jr.....	601	535	319	797	389	734	772	714	674	688	703
	159	Baumgarten, Harry Edward, Jr.....	73	32	116	166	310	142	480	208	196	316	743
	284	Baur, Fred George.....	1	124	249	189	100	505	286	448	294	520	169
	742	Baysinger, Reaves Henry, Jr.....	529	192	445	637	726	775	771	699	785	554	357
	*44	Bean, Raymond Wesley.....	142	11	174	411	14	119	87	60	75	21	357
21	780	Beattie, George Elder.....	670	679	633	619	755	780	764	778	780	672	781
	*56	Beckwith, Reynolds.....	470	150	65	22	115	48	20	87	77	293	43

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
tb	*102	Beeler, James Dayton.....	73	342	73	272	62	148	91	118	133	77	4
	441	Beeler, James Walter.....	203	283	549	741	504	313	619	384	124	786	271
	744	Benas, George Magnus, Jr.....	1	124	649	550	754	758	727	650	747	800	598
	573	Bennett, Cedric Eugene.....	437	150	623	348	702	642	726	547	679	268	743
	503	Bennett, William Watkins ¹	203	342	353	309	579	509	345	480	502	663	507
	324	Benoit, John Easley.....	621	236	249	157	437	377	357	393	290	480	507
	347	Benson, Francis Wyse, Jr.....	651	342	249	219	523	441	515	468	347	93	598
	728	Benson, John Schuler McKinney.....	802	768	219	590	371	756	563	638	593	671	169
	279	Benson, Richard Hugh.....	710	283	445	182	441	135	248	239	406	391	357
	637	Bentin, Manuel Sanchez.....	142	150	219	670	600	649	611	558	576	791	271
	382	Berby, Richard Harlem.....	366	410	487	253	389	309	389	439	322	623	598
	362	Berg, Robert Stanfield.....	784	797	431	99	320	245	248	355	195	370	271
	711	Berngard, Melvin.....	490	748	267	624	631	687	585	714	738	532	507
	530	Bernstein, Karl Joseph.....	664	40	73	581	417	571	531	657	528	522	651
	781	Black, William Alexander.....	714	535	778	706	786	789	547	791	763	675	169
	361	Blackwell, Richard Bays.....	1	410	353	299	284	453	685	448	341	313	507
	658	Blake, Thomas Frederick, Jr.....	515	410	445	637	622	600	183	670	691	663	703
	216	Blodgett, Frederick Jeffrey.....	515	192	508	513	330	296	412	46	142	246	169
	767	Bloom, Thomas Edward.....	73	485	569	730	720	781	480	773	799	501	446
	634	Bobrick, Irving.....	601	748	125	443	488	523	416	617	784	346	108
	123	Bodager, Bill Warren.....	73	91	295	230	365	163	178	77	84	325	357
	720	Boggs, Paul Raymond, Jr.....	73	236	391	661	575	761	714	752	749	658	271
	*93	Boh, Roger Milton, Jr.....	529	283	508	177	88	104	43	163	102	72	43
	212	Bonner, Matthew Michael.....	366	613	319	131	124	338	543	124	148	345	357
	328	Bosley, Donald Britton.....	330	71	746	325	515	174	467	239	191	790	507
	326	Bott, Kenneth Andrew.....	601	108	188	361	410	451	649	355	329	182	507
	701	Boughton, Alfred Clark, III.....	767	748	758	681	740	465	550	506	652	737	108
	450	Bourne, William DeWayne.....	256	535	219	247	469	308	649	393	357	795	271
	402	Boykin, Rhodes, Jr.....	506	535	473	450	527	205	435	393	409	424	651
	510	Brady, Robert Edward.....	286	283	508	272	413	580	398	597	548	554	598
	558	Brajdich, Walter Joseph.....	1	577	174	521	401	516	595	650	538	655	271
	198	Branch, Louis Edward.....	374	192	73	596	137	253	45	199	134	151	651
	338	Brandfon, William Warren.....	601	283	305	290	480	246	653	588	410	125	169
	219	Brandt, Carl Richard.....	601	342	319	131	257	187	227	393	206	270	446
	792	Brannon, Philip Clyde.....	796	786	770	791	718	757	733	739	717	761	357
	765	Breaux, Charles Ballard, Jr.....	664	768	649	681	767	726	774	784	646	727	743
	386	Briggs, Edward Samuel.....	374	11	11	497	222	521	496	597	568	205	446
	280	Brooks, Glenn Sturgis.....	670	49	538	521	173	392	62	302	318	214	507
	272	Broughton, William Raymond, Jr.....	217	236	582	451	284	340	337	456	203	176	169
	479	Brown, Coleman "T", Jr.....	366	192	369	685	151	487	129	497	648	412	357
788	Brown, David Hazzard.....	374	613	219	795	765	785	494	778	758	762	781	
587	Brown, Ernest Bruce.....	142	613	753	773	227	541	357	670	544	276	792	
619	Brown, Frank Porter, Jr.....	343	342	305	541	610	648	349	638	666	588	651	
579	Brown, James Bradley.....	124	91	336	411	242	741	183	757	554	644	271	
271	Brown, Ralph Herman.....	217	91	125	299	572	228	248	617	326	172	169	
301	Brown, Robert Alan.....	374	535	163	483	306	355	232	239	317	141	507	
715	Brown, Robert Michael.....	555	410	758	777	752	733	789	691	651	474	43	
357	Brown, Warren Flores.....	142	535	267	205	297	295	191	578	609	158	169	
317	Brown, Wesley Anthony.....	286	613	116	315	179	352	104	348	433	263	169	
340	Brummitt, Gerald Fuller.....	714	236	319	606	357	276	256	302	324	266	446	
6	*3	Bryan, William Littell.....	330	150	353	1	2	15	1	1	6	22	446
	350	Bryant, Harry Foster, Jr.....	217	283	319	272	406	282	386	558	553	134	357
	217	Buckingham, Winfred Leon.....	142	410	607	86	242	344	352	87	153	448	792

¹ Name changed from Root, William Watkins.

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Academics	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	526	Budge, William James.....	374	485	406	325	426	539	386	597	418	696	743
	*45	Bulmer, Robert William.....	73	485	37	27	12	51	39	71	172	27	108
	351	Burk, Gerald Lee.....	374	577	391	507	119	460	75	491	367	93	507
	502	Burke, John Frederick.....	286	49	30	624	573	619	374	524	679	119	598
	261	Bush, Barksdale Alexander, Jr.....	142	283	295	391	321	278	221	134	258	468	651
	474	Bushman, Herman Joseph, Jr.....	670	650	607	262	617	438	500	384	380	538	507
	268	Butler, Dempsey, Jr.....	756	150	249	157	163	233	418	257	278	516	743
	*85	Butler, Herbert Fuller, Jr.....	73	342	198	219	75	83	3	118	115	90	507
	170	Butler, James Douglas.....	366	192	353	201	236	284	427	118	214	80	271
	252	Butler, Kenneth LeRoy.....	1	283	555	146	214	171	509	376	305	604	446
	397	Butler, Thomas Owen, Jr.....	286	613	125	290	193	315	91	558	403	541	743
	325	Callaghan, William McCombe, Jr.....	437	342	238	443	338	370	357	430	228	354	357
	607	Campanile, John Julius.....	555	650	198	581	657	611	669	719	530	308	169
	483	Campbell, David Osborne.....	470	748	508	654	413	330	692	448	376	421	43
	356	Campbell, Donald Hugh.....	437	342	487	619	325	454	531	324	224	210	598
	462	Capone, Lucien, Jr.....	735	410	380	497	355	572	509	448	492	101	598
	725	Carmack, James Alfred, Jr.....	717	577	457	670	707	678	685	514	743	744	598
	*88	Carpenter, Bruce Albert.....	217	236	125	309	109	98	62	222	70	71	43
	*16	Carpenter, James Wilbur.....	124	283	295	34	29	20	34	27	5	120	43
	290	Carr, Andrew Rembert.....	591	40	46	574	314	419	278	190	363	237	271
	150	Carr, Kenneth Monroe.....	142	150	198	99	245	188	115	163	285	97	598
	*92	Cartmill, Robert Hasbrouck.....	470	236	569	166	209	108	82	87	60	113	357
	458	Cartwright, John Philip.....	217	108	753	624	579	283	563	597	519	414	271
	220	Carver, Edward Samuel.....	651	192	639	213	257	207	710	134	186	335	507
	298	Cecchini, Albert Livio.....	286	410	758	99	270	197	448	222	282	735	598
	632	Cecil, Charles Purcell, Jr.....	343	485	473	706	716	575	755	588	619	570	271
	*84	Chambers, James Henry Leroy, Jr.....	142	40	497	63	221	130	550	113	123	75	651
	*95	Chessman, Samuel Richard.....	217	150	487	205	180	138	309	103	20	204	357
	592	Chevalier, Edmond Andrew.....	601	410	212	472	501	605	654	752	521	445	357
	667	Chote, Raymond Glen.....	490	108	716	637	648	682	473	480	782	617	108
	224	Churchill, Louis Gillespie, Jr.....	568	342	726	424	81	237	133	413	261	66	43
	*55	Clark, Glenwood, Jr.....	73	150	73	14	102	43	54	60	69	428	357
	499	Clark, John Robert, III.....	529	679	369	513	396	616	473	222	422	463	357
	194	Clark, Robert Smith.....	1	577	174	16	208	199	8	270	307	391	507
	346	Clark, Willard Huntington, Jr.....	217	613	555	131	625	367	357	199	270	557	507
	670	Clarke, Horace Donald, Jr.....	792	706	708	529	709	512	623	627	458	713	598
	354	Clarke, Wade Edward.....	124	410	555	198	586	360	133	257	373	566	271
	*61	Claytor, Richard Anderson.....	694	150	105	39	180	59	325	77	108	33	4
	665	Clement, Danforth.....	670	410	487	391	652	655	382	709	731	612	357
	322	Clements, Neal Woodson.....	568	613	219	661	413	236	91	422	244	134	169
	161	Clinite, Richard Cedric.....	73	6	154	80	413	238	504	239	213	313	651
	472	Cluett, David Grenfell.....	73	71	219	541	164	588	412	547	485	675	598
	*54	Cobb, Warrington Crane.....	733	485	238	53	95	29	43	14	72	88	357
	297	Coburn, Anthony Brendan.....	773	342	369	315	209	288	147	348	238	349	271
	430	Cohen, Albert Gleaves.....	286	71	336	93	310	549	147	578	595	627	507
	512	Coldwell, William Michie.....	670	724	753	391	719	314	239	280	314	764	108
	773	Collins, Leonor Loree.....	794	748	595	730	710	773	788	456	766	610	507
	375	Collins, William David, Jr.....	568	410	282	391	139	630	262	588	436	28	108
	393	Collins, William Leonard.....	415	613	679	339	201	448	380	348	374	352	446
	688	Colvin, Oliver Dyer, Jr.....	415	679	353	685	507	678	631	786	705	184	743
	126	Colvin, Richard Ray.....	203	124	53	339	46	184	208	77	152	237	271
	376	Congdon, Robert Newton.....	694	283	95	381	525	434	418	364	323	316	169
	431	Conklin, Robert Wilfred.....	601	535	249	381	158	508	309	324	394	459	792
	434	Connors, James Joseph, Jr.....	203	71	319	491	497	556	275	588	524	210	169
	695	Conover, Harvey, Jr.....	515	410	660	550	386	720	345	788	771	382	108

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
1	584	Cook, Karl Frederick	790	748	695	541	544	361	556	514	398	570	169
	485	Coontz, Robert Joseph	73	410	582	637	239	586	550	456	564	226	271
	220	Cooper, Alan Bogert	415	485	105	472	296	143	232	313	142	243	271
	651	Cooper, Stanley Gibson	730	650	763	541	646	445	639	657	699	591	169
	576	Cornett, Francis Edward	124	410	336	741	408	572	427	608	515	513	772
	593	Coryell, Rex Sherman	1	283	336	550	622	656	658	670	512	549	507
	*25	Counts, Stanley Thomas	256	108	49	27	23	58	133	32	78	49	169
	*24	Cox, James Lee Dolan	462	485	61	31	58	28	31	8	17	80	271
	296	Cox, Sidney Stuart	286	283	295	69	241	274	170	442	329	636	743
	570	Craig, Billy Howard	730	192	751	563	383	608	488	384	683	441	169
	*46	Craig, Donald Earl	470	410	582	47	143	27	51	32	117	14	4
	656	Cruise, Edgar Allan, Jr	534	650	353	739	592	681	418	497	660	450	651
	719	Culp, John Bell, Jr	200	485	336	645	697	707	606	701	762	720	169
	304	Culwell, Charles Louis	1	192	73	373	270	416	560	393	298	363	357
	*27	Cummings, George William	286	192	219	43	41	9	95	5	26	269	271
	554	Curtin, Theodore Albert	694	342	679	166	290	632	108	506	755	335	651
	171	Curtis, Stanley Walter, Jr	529	342	219	31	330	152	496	106	309	182	108
	605	Dahlman, Donald Arthur	437	679	737	463	636	531	467	608	559	608	507
	714	Dalrymple, John Marshall	142	535	781	734	735	698	337	650	631	774	651
	141	D'Ambra, Rudolph Francis	256	192	686	72	165	113	692	40	223	193	651
	791	Daniel, Dorsey Wharton	800	724	616	670	794	759	741	752	726	797	598
	419	Danis, John Farwell	343	108	65	463	681	353	589	247	431	683	357
	307	Davis, Chester George	256	32	689	373	140	371	95	514	353	559	169
	563	Davis, Kelly James, Jr	374	150	406	491	485	640	494	468	630	549	743
	154	Davis, Whittier Gale	286	410	508	93	148	200	70	177	134	320	4
tb 6	583	Dearing, Jimmy Pearce	739	342	792	224	612	504	585	456	671	678	169
	789	Dearth, Wilfred Harry	124	577	473	799	784	794	567	800	792	445	507
	364	Demyttenaere, Jules Henry	286	150	282	613	282	306	412	393	392	326	772
	495	Dennett, William Alexander	256	485	166	355	465	468	619	538	565	467	507
	202	Dennis, Edwin Lamar, Jr	203	283	267	507	293	101	522	208	145	320	108
	525	Derby, Lawrence Hedrick, Jr	142	103	267	361	394	643	357	514	616	652	446
	504	Devine, Lewis Hallett	670	150	125	253	408	617	467	646	672	189	507
	255	DiBenedetto, Charles	470	485	267	391	322	136	598	413	177	332	507
	445	Dickson, Holton Carroll, Jr	343	410	353	685	382	332	275	364	529	399	598
	653	Dickson, James Douglas	544	793	660	521	659	469	504	701	613	596	4
	700	Dickson, Joe Alex	217	150	353	563	783	601	791	597	694	799	43
	*113	Dietrich, Edward Orr	1	124	73	224	38	112	75	403	183	111	108
	388	Dillman, Louis Walther	1	577	249	735	398	340	515	247	232	437	598
	421	Dismukes, Horace Eugene	415	91	267	726	349	421	404	222	598	352	169
	156	Ditto, Chester Lee	73	27	369	262	274	162	247	208	297	138	271
19	134	Dixon, John Curtis, Jr	374	32	37	43	146	298	133	106	312	240	169
	673	Dobbins, Stephen Arthur	506	613	249	698	671	700	488	468	571	744	357
	*76	Dobson, John Frederick	73	236	37	72	54	90	23	364	150	49	4
	164	Doby, William Clifford	217	342	85	411	130	234	75	87	128	237	43
	467	Docherty, John Francis, Jr	782	679	336	497	387	385	239	338	548	108	651
	600	Dolan, John Thomas	771	736	415	361	685	386	692	506	438	749	357
	565	Donahue, Harry Joseph	283	283	85	541	456	683	763	627	655	255	4
	Inc.	Donaldson, John Weber	54	577	Inc.	Inc.	Inc.	Inc.	Inc.	Inc.	Inc.	Inc.	Inc.
	173	Donlon, John Michael	470	108	85	315	152	311	11	171	346	41	169
	223	Donoher, Thomas Joseph	73	49	497	596	426	235	309	297	394	19	43
	234	Donovan, James Anthony	374	49	582	361	350	414	212	77	261	259	743
	415	Dorenkamp, Kurt Francis	142	535	336	315	278	457	309	514	498	326	446
	269	Dotson, William Cole	54	613	295	131	452	373	58	338	158	463	446
	460	Douglass, Robert McIntyre	343	535	538	205	334	502	448	538	488	505	598
	611	Downes, Barton Miller	733	797	166	715	398	448	416	728	304	628	446

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	*50	Draim, John Emery	437	124	166	43	134	52	262	147	51	76	271
	536	Dreyer, Royce Carleton.....	568	410	249	373	593	483	758	422	433	701	781
	177	Dughi, James Richard.....	462	150	249	107	229	287	248	171	189	273	507
	574	Duke, William Eskridge, Jr.....	73	410	763	606	626	563	382	480	551	615	169
	174	Durham, James Elijah, Jr.....	1	342	95	424	201	85	418	302	104	291	598
	455	Duronio, Valerio "M".....	470	650	198	262	660	390	440	190	437	706	446
	577	Duvall, Gordon Grant.....	670	410	527	726	660	603	676	364	639	160	357
	191	DuWaldt, Behrend Joseph.....	591	236	305	290	177	196	145	222	121	332	357
	604	Dyer, Gerald Wesley.....	286	535	431	619	604	693	658	324	652	457	108
	439	Eaton, William Tapley.....	714	736	527	339	636	266	631	297	414	376	169
	455	Ebel, Richard Charles.....	142	410	353	541	529	279	685	324	534	600	357
	*105	Edmundson, James Edward	1	410	305	173	18	99	54	124	150	221	271
	*32	Edson, John Roger	73	342	4	58	20	68	8	64	30	104	4
	659	Edwards, Howard Rupert, Jr.....	330	342	538	692	480	728	676	468	701	534	507
	157	Egan, Henry William.....	657	27	49	107	213	168	194	157	285	305	507
	298	Egerton, Montreville Walker, Jr.....	54	192	686	153	552	382	317	199	526	100	651
	383	Ekelund, John Joseph.....	490	283	639	411	459	395	198	177	360	548	507
	660	Elichalt, Henry Donald.....	286	485	105	726	383	626	685	762	631	710	357
	652	Ellis, Alston Ramsay.....	490	650	639	735	563	574	705	480	581	720	507
	533	Ellis, Atlee Robert.....	490	192	437	574	617	528	656	597	435	534	271
	556	Ellis, Richard Moore.....	760	679	369	735	440	524	459	578	360	331	271
	153	Ellsworth, Presley Elmer, III.....	515	577	95	201	146	147	108	338	129	74	43
	413	Emerson, Scott.....	437	124	406	507	596	297	269	491	472	545	4
	550	Emery, William Taft.....	142	410	763	483	350	568	440	588	586	552	446
	514	English, Jack Lee.....	490	150	85	581	519	582	611	497	587	316	507
	122	Eustace, Robert Joseph.....	657	410	198	315	78	139	157	403	14	68	598
	440	Fallon, Merton Robert.....	704	49	249	467	422	499	631	355	430	665	169
	473	Faricy, Robert Leo.....	760	192	65	661	398	556	435	384	389	386	357
	*42	Fellowes, Robert Evans	73	410	125	89	49	62	13	20	23	155	357
	409	Fenlon, Leslie Knapp, Jr.....	374	577	391	619	412	222	178	681	459	106	357
	682	Fenno, Eric Neil.....	374	706	595	645	654	689	685	439	637	710	271
	327	Ferrero, James Vercelli, Jr.....	1	108	174	507	356	317	340	524	427	188	598
	165	Fine, Stanley Sidney.....	621	650	65	125	217	152	34	378	207	29	43
	766	Finlay, William Albert, Jr.....	217	342	582	654	710	669	786	804	791	784	446
	236	Finnigan, Robert Emmett.....	256	410	125	299	490	103	611	134	201	591	43
	509	Fishburn, John Eugene, III.....	566	577	445	507	568	436	404	627	486	297	507
	273	Fisher, George Donald, Jr.....	343	535	708	189	406	129	278	364	274	373	703
	598	Fishman, Horace Paul.....	694	775	508	637	607	428	129	491	613	492	108
	551	Florence, George Donald.....	217	724	336	613	673	462	509	524	400	584	169
	760	Florence, Philip Fort.....	343	679	741	624	768	746	574	736	761	744	108
	410	Foley, Williams Massey.....	506	736	616	262	492	530	147	338	362	146	446
	*119	Forbes, Henry Payne	54	108	582	451	87	170	218	96	88	184	169
	345	Foscato, Sydney Ellis, Jr.....	415	650	415	117	156	381	367	338	352	613	271
	302	Foster, James Roger.....	343	11	319	497	374	388	398	364	377	363	169
	185	Foster, John Beekman.....	684	768	319	177	125	212	26	147	48	332	507
	372	Francis, Richard Haudiomont.....	774	410	623	361	368	376	448	302	276	343	271
	763	Frazee, Joyce Marvin.....	735	485	801	451	724	730	774	719	747	788	598
	504	Fredericks, Warren John.....	1	283	319	224	410	480	578	778	662	263	507
	539	Freeman, George Arthur.....	217	613	772	529	383	493	741	364	449	738	43
	*106	Friend, John Chollar	437	342	639	157	117	110	205	134	42	316	4
	124	Frost, Richard Alfred.....	544	150	249	58	59	181	31	147	229	226	169
	566	Frost, Richard Floyd.....	601	577	457	247	532	533	712	558	629	566	357
	515	Fullinwider, Peter Lansing.....	374	150	639	472	507	626	320	617	622	205	169
	541	Fulton, William McKinney.....	632	342	708	272	688	604	459	430	450	647	507
	449	Furrh, James Loftus, Jr.....	651	40	431	451	569	599	418	289	525	430	271

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	210	Gairing, Donald Albert.....	1	283	134	205	574	220	611	96	193	285	446
	316	Gardner, Channing.....	694	342	582	219	555	420	367	190	265	296	169
	663	Garibaldi, James Joseph.....	757	748	391	661	510	520	301	638	687	487	651
	169	Garrison, Paul Adams.....	374	192	282	125	215	185	301	177	215	263	108
	182	Gartland, John Patrick.....	54	108	85	299	73	185	543	538	225	140	169
	664	Gary, William Leo.....	770	786	188	661	677	546	710	650	504	394	772
	*23	Gates, David Ewing.....	203	192	380	146	70	24	208	12	13	52	169
	590	Gauss, Matthew Johns, Jr.....	73	342	555	590	459	685	515	686	492	529	357
	801	Gewirz, Bernard Samuel.....	748	786	773	788	798	799	721	784	789	738	598
	283	Ghormley, Ralph McDougall.....	1	283	42	315	365	255	198	302	600	96	271
	489	Gibson, Norman Lawrence.....	601	535	667	685	368	321	404	430	542	255	781
tb	703	Gill, Thomas Michael.....	415	783	431	747	728	664	756	608	561	522	743
	*28	Gillam, Max Lee, Jr.....	142	32	11	173	198	78	378	64	44	4	271
	*75	Gilles, Stephen Alexander.....	694	485	25	240	101	77	120	71	101	13	4
	432	Gilliland, Robert Jordan.....	722	736	555	290	474	439	522	208	249	579	271
	562	Glass, Beaumont, Jr.....	632	736	46	507	565	551	367	795	471	118	43
	120	Glass, Stephen Samuel.....	621	485	154	53	91	115	70	77	115	418	271
	139	Glassman, Ephraim Paul.....	470	577	219	283	63	192	64	157	74	131	271
	152	Glendinning, Frank Shiland.....	253	5	25	483	51	408	124	257	215	114	4
	542	Glickman, Richard.....	124	748	353	772	527	559	345	514	565	61	108
	389	Gober, James Richard.....	73	283	295	513	360	402	292	448	517	193	169
	452	Goewey, William Irving.....	142	650	154	451	303	643	459	538	590	40	169
	248	Goldberg, Milton Donald.....	73	748	695	381	80	238	404	216	189	219	446
	608	Goldman, Roy Edwin.....	795	793	319	411	483	487	589	422	384	658	507
	601	Gollner, Joseph Henry.....	710	485	282	581	619	536	538	627	439	723	598
tb	694	Goodacre, Russell Francis, Jr.....	343	535	391	781	532	691	488	506	621	776	169
	238	Goodman, Robert William.....	1	650	695	189	106	227	120	216	110	742	271
	318	Goulburn, Franklin Percival, Jr.....	54	192	686	315	492	305	332	222	480	300	108
	716	Grabowsky, Fred.....	802	803	336	348	703	637	418	569	601	624	703
	622	Graham, Floyd William.....	777	679	741	752	306	601	357	442	467	538	772
	155	Grant, William Clayton, Jr.....	142	49	65	230	198	165	60	247	233	285	108
	*51	Grayson, Roy Ray.....	286	108	415	39	30	72	27	77	43	276	507
	237	Green, James Henry.....	632	535	737	89	344	268	522	96	338	122	703
	*101	Green, John William.....	142	71	53	405	45	219	85	177	276	6	43
	255	Greene, John Lycurgus.....	534	71	95	290	293	253	161	313	188	647	781
	612	Greenwood, Richard Glen.....	704	679	623	472	626	680	427	480	579	406	169
	*104	Greif, Stanley "J".....	217	613	198	230	244	208	218	29	11	193	43
	498	Guild, Michael Brenon.....	568	650	716	373	472	364	663	355	371	654	792
	435	Gunkel, David Lewis.....	621	410	282	309	469	335	619	480	581	202	703
	*15	Gunning, Thomas Ignatius.....	73	283	508	4	41	3	75	16	40	139	169
	148	Gussow, Milton.....	437	342	305	58	98	159	332	177	198	226	43
	*117	Guthe, Douglas Burden.....	470	342	763	198	114	79	239	37	82	368	357
	188	Guthrie, William Sherrod.....	632	192	487	189	231	178	191	177	200	201	446
	319	Haberthier, Jack Healy.....	470	736	95	391	254	270	606	289	172	476	271
	468	Haeske, Don Charles.....	490	650	746	645	731	216	780	430	87	747	598
	*8	Haley, James Vernon.....	142	11	95	17	13	60	13	10	50	23	108
	770	Haley, Richard Wright.....	286	768	781	719	765	751	801	736	606	773	703
	241	Hall, Wayne Leland.....	691	236	708	272	192	211	165	324	248	320	169
	417	Hall, William Clifton.....	568	342	654	141	81	472	286	646	481	463	703
	195	Hall, William George.....	256	485	569	381	226	197	563	177	91	276	43
	*31	Hamilton, Gordon Wayne.....	664	283	473	80	30	11	256	3	7	226	169
	517	Hamilton, William Henry, Jr.....	568	485	716	521	634	336	673	442	460	598	507
	146	Hammer, Theodore James, Jr.....	544	124	282	107	223	182	680	46	71	497	507
	228	Hanson, James William.....	1	650	781	299	276	116	154	177	281	189	357
	*68	Hardeman, Robert Taylor.....	343	410	353	99	170	22	108	60	36	285	43

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
tb	*18	Harding, Norton Drew, Jr.....	601	49	549	63	9	45	52	40	25	49	507
	391	Harkness, William Newell, Jr.....	601	342	415	411	532	301	663	384	340	420	169
	757	Harlan, Donald Michael.....	684	485	670	747	694	776	575	773	741	574	446
	671	Harper, John Finlay, Jr.....	506	150	369	529	673	591	440	719	715	735	792
	352	Harris, William Luther, Jr.....	568	342	154	381	445	464	208	171	179	588	772
	303	Hary, Charles Philip, Jr.....	1	410	796	53	469	154	292	422	320	615	598
	595	Haskell, William Charles.....	124	236	660	430	650	597	367	638	622	698	271
	710	Haughey, James Ross.....	670	410	282	624	538	764	427	746	796	144	169
	379	Hausold, Robert Paul.....	286	150	538	613	350	348	170	558	284	386	651
	759	Hawley, Dale Allen.....	684	736	721	764	633	703	658	650	768	717	703
	610	Haynes, George Alfred Phillips.....	710	650	497	325	695	626	641	578	354	743	507
	697	Helbig, Walter Lawrence, Jr.....	749	797	767	596	720	622	641	627	408	579	792
	545	Helmer, Dale Potter.....	555	577	569	430	174	631	330	670	345	709	651
	793	Hemann, John William.....	722	797	144	752	800	784	647	701	795	765	507
	477	Henderson, Donald.....	490	71	729	262	612	437	473	384	576	698	651
	609	Hendrickson, Robert Clymer, Jr.....	670	577	721	596	679	450	680	468	589	647	271
	253	Hennekens, Robert Charles.....	142	410	623	381	431	396	394	448	162	67	271
	*62	Henning, Harvey Sydney, Jr.....	1	283	353	121	46	56	183	58	125	63	108
	606	Hensler, Thomas Paul, Jr.....	568	577	174	467	595	614	278	597	714	246	792
	*80	Herbine, Frederick Wayne, Jr.....	256	342	380	58	67	91	173	37	172	131	4
	147	Hershner, Carlton Harry.....	506	6	391	361	176	317	173	134	86	365	108
	628	Hesley, Frederick DeLong, Jr.....	632	706	689	521	762	625	797	376	541	399	703
	737	Hibbard, Francis Roger.....	490	577	753	692	607	755	398	697	707	725	651
	708	Hickey, Charles Francis.....	1	283	219	789	693	673	515	701	733	681	169
	476	Hiebert, Robert William.....	124	236	163	692	457	639	205	547	354	391	357
	493	Higgins, Everett Chipman.....	1	410	105	698	252	579	320	497	604	242	169
	214	Hill, Jackson Dudley.....	1	650	282	34	234	374	232	289	253	125	598
	735	Hissom, Irven Arthur.....	760	577	695	613	647	701	752	524	703	796	43
	446	Hodder, Joseph Esmond, Jr.....	73	192	555	624	325	590	265	506	419	357	169
	443	Hoff, William Eldridge.....	568	706	527	325	666	340	717	393	299	476	507
	722	Hofford, John Labbee.....	632	535	654	698	517	711	654	798	675	598	743
	392	Hogan, Bernard Charles.....	343	192	508	205	223	548	352	297	573	357	271
	*71	Hoganson, John Henry.....	124	283	415	86	191	105	154	23	103	95	1
	*39	Hoover, Lloyd Nims.....	217	108	746	93	123	23	108	40	12	154	357
	549	Hoppe, Henry III.....	515	150	380	253	510	610	357	506	711	561	271
	330	Horan, Frederick Geller.....	73	236	607	521	389	398	173	222	381	199	651
	517	Horne, Robert Edward, Jr.....	54	11	595	491	636	533	623	524	644	634	446
	200	Hotchkiss, Charles Albert, II.....	286	71	105	430	110	327	212	302	287	108	43
	*37	Howe, Charles Marvel.....	437	192	23	69	98	41	113	23	36	90	446
	597	Howe, John Proctor.....	217	535	758	538	616	634	623	746	581	215	43
	260	Huenerberg, John Christian, Jr.....	73	410	487	157	444	133	509	157	390	519	271
	*115	Hughes, James Charles, Jr.....	286	535	30	355	85	105	404	124	147	30	271
	433	Hunt, Robert Gordon, Jr.....	142	150	639	361	565	292	611	413	500	595	703
	422	Hurst, James Styer.....	374	577	775	497	404	452	187	289	327	365	772
	204	Ince, Eugene St. Clair, Jr.....	330	49	42	107	190	527	221	280	454	26	169
6†	798	Ingalls, Jack Francis, III.....	797	786	797	786	792	786	773	767	777	688	703
	523	Inskip, James Edward, Jr.....	469	410	305	467	599	511	269	547	513	530	357
	750	Ivers, John Francis.....	670	706	527	745	605	740	714	670	694	783	169
	*6	Iverson, Emmett Sylvester.....	217	40	2	5	3	19	27	6	18	125	4
	131	Jackson, Louis Edwin Virden.....	142	485	219	224	74	55	212	348	122	199	169
	227	James, Robert Crawford.....	217	49	778	205	170	249	515	468	350	122	271
	585	James, Robert Earl.....	490	535	336	361	703	605	589	442	685	483	43
	522	James, Rodney Roach.....	462	192	623	463	465	595	221	578	572	474	108
	*7	Janer, Richard.....	142	49	144	10	8	12	16	32	8	41	357
	783	Jeffries, Claude Edward, Jr.....	124	192	791	581	733	798	663	799	788	769	507

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Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
235		Jenks, Albert Leroy, Jr.	142	11	406	153	419	217	352	103	410	647	743
207		Jenks, Shepherd Martin	73	535	238	290	144	167	232	134	217	386	446
405		Jennison, Whitney	437	342	689	373	569	252	575	289	424	608	169
446		Jensen, John Edward	799	613	319	230	229	338	159	280	337	759	43
315		Jepson, John Arthur	142	535	555	131	194	285	161	413	320	622	651
470		Johnsen, Theodore Norman, Jr.	1	192	716	645	652	418	623	313	462	556	271
774		Johnson, Dallas DeSilva	374	650	508	698	791	763	509	757	775	756	169
222		Johnson, John Merle, Jr.	437	485	689	131	223	164	113	106	292	454	507
381		Jones, Charles Milton Cecil, Jr.	412	410	623	381	455	240	598	547	324	428	108
149		Jones, Gerald Robert	1	236	353	240	172	120	292	163	125	346	108
289		Jones, Herman Willoughby	343	11	569	405	498	331	248	403	209	530	743
355		Josephson, John Vernon	743	342	654	205	310	391	578	199	241	626	507
*81		Juncker, James Russell	142	27	95	63	68	109	198	190	199	225	4
761		Kahn, Daniel Herbert	632	793	457	757	757	694	598	746	721	619	651
186		Kanevsky, Joseph Norman	330	410	8	157	357	125	278	422	221	89	507
270		Kapp, George Harold	73	150	95	361	477	346	480	222	292	349	108
*58		Kastner, Thomas Mortimer	771	342	42	131	19	88	87	44	46	43	169
286		Keays, Keatinge	366	283	569	153	334	205	320	216	412	579	169
338		Keihner, James Kenneth	657	535	660	692	201	290	448	190	178	362	598
581		Kelley, MacLean	73	236	695	411	675	675	570	558	599	534	169
684		Kelly, Richard Wilbur	73	485	639	787	515	609	578	578	722	666	169
436		Kendrick, David Stanley	1	342	238	654	563	429	488	186	517	252	703
453		Kennedy, Richard Alfred, Jr.	142	485	569	521	552	490	751	506	306	468	43
126		Kennedy, Robert Warren	644	124	282	80	205	116	24	199	141	243	357
553		Kent, William Ralph, III	722	679	527	550	559	407	435	403	388	686	772
266		Kenyon, Jerry Russel	490	124	633	131	265	213	277	289	482	430	43
353		Keppler, Robert Duane	217	124	125	348	227	612	292	667	521	6	651
143		Kilcline, Thomas John	568	150	726	219	207	93	124	60	138	300	43
507		Killeen, Calhoun John	200	283	212	283	668	524	598	608	595	468	4
481		Kindl, Herbert James	217	410	607	752	622	359	702	524	425	198	507
712		King, Archer Emmet, III	760	736	616	692	626	772	389	627	446	706	108
312		King, William Clark	437	577	670	173	437	202	672	355	302	320	743
648		Kinney, Clark Mills, Jr.	740	410	415	624	634	665	794	617	539	520	598
684		Kint, John Richard	142	11	95	309	485	506	256	597	544	192	598
615		Kirk, Gilbert John, Jr.	415	342	639	791	555	688	412	657	468	365	4
602		Kirkbride, Joseph Owen, Jr.	555	410	741	430	548	551	567	719	693	382	169
408		Klein, Peter Frederick	462	679	538	309	359	554	292	297	318	311	651
137		Klemm, Vernon Paul	54	192	238	146	286	136	170	186	148	177	271
730		Kling, George Malcolm	286	124	595	645	758	742	696	691	778	642	651
582		Kneale, James Edward	54	124	679	451	498	667	595	558	610	691	357
*4		Knetz, Wallace Joseph, Jr.	1	32	17	11	20	16	2	6	35	16	43
596		Knoble, William Stanford	286	283	569	624	658	577	702	547	648	492	169
689		Knoizen, Arthur Kenneth	704	283	431	624	360	727	543	681	642	753	169
438		Knudson, John Francis	217	786	616	339	569	356	752	667	509	219	703
527		Koach, John Henry	203	236	295	253	350	651	124	456	537	170	598
540		Kocher, Edward Mitchell	1	577	125	443	360	650	269	497	706	280	446
520		Koehler, Philip Jerome	555	679	238	574	348	447	265	701	516	205	598
335		Kraus, Walter John	217	24	174	131	548	446	637	313	456	499	792
751		Krause, Stephen Robert	601	613	689	774	631	723	606	714	703	754	781
211		Kremidas, William Samuel	534	410	380	550	245	262	448	222	258	2	446
426		Kretschmer, Charles "G", III	601	410	125	513	402	432	286	468	663	31	446
799		Krider, Robert Hardin	632	736	781	757	801	788	800	739	800	771	703
197		Krueger, Otto Earl	568	91	238	325	104	311	95	216	386	33	507
635		Kuhne, Robert George	286	283	737	661	697	584	448	627	670	605	446
*108		Lake, Michael Kennedy	667	236	457	53	125	99	115	52	63	526	169

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
tb	*17	Lalor, William George, Jr.....	529	49	17	53	6	61	15	52	65	64	4
	407	Lamb, Chris Wilson.....	415	724	538	290	245	466	178	324	384	403	446
	*99	Landers, John Gregory.....	286	150	85	21	26	209	48	364	264	55	169
	683	Lang, Lemon' DeKern.....	568	748	473	574	636	594	680	714	664	532	357
	776	Lankenau, Roy Winfield.....	555	706	473	747	768	717	748	784	718	798	446
	413	Lansill, John Scott, Jr.....	515	613	633	325	397	322	389	257	495	468	446
	795	Laric, Paul Herbert.....	591	613	667	800	796	795	777	786	774	782	357
	633	Larish, David Charles.....	54	410	654	443	761	666	367	650	658	508	703
	*10	Larson, Norman Oscar.....	286	91	457	5	64	2	82	16	29	43	43
	190	Larson, Theodore James.....	722	150	336	121	231	102	212	177	217	481	271
	209	Latham, David Morgan.....	1	49	336	430	165	263	75	403	201	274	598
	*114	Lauderdale, Lloyd King.....	738	342	73	189	334	74	124	118	62	181	43
	*67	Lawler, Robert Leo, Jr.....	73	49	4	63	115	247	4	147	183	10	357
	500	Lawler, William Gresham, Jr.....	415	342	549	430	290	544	522	697	369	574	357
	680	Lawrence, Randlett Towns.....	568	410	508	698	477	739	663	524	650	630	507
	*90	Lechleiter, Mark Bernard, Jr.....	73	150	125	166	125	80	345	87	158	165	4
	308	Lechner, Thomas Fletcher.....	286	49	46	637	380	201	531	491	375	335	108
	599	LeGros, Paul Greig.....	775	706	649	381	666	595	467	376	508	426	781
	586	Leisure, Jack Raymond.....	217	342	569	405	559	502	547	569	574	758	772
	276	Leslie, Gene Edward.....	217	192	670	391	449	231	305	270	139	613	446
	230	Levine, Alan Yale.....	568	342	238	405	340	273	459	118	187	102	743
	*5	Leyerle, John Frank.....	1	124	11	17	25	6	7	8	31	3	108
	412	Lide, Theodore Ellis, Jr.....	73	71	549	283	378	576	147	364	513	561	507
	543	Linder, James Benjamin.....	374	535	198	253	472	589	457	728	611	355	507
	496	Lindsey, Wesley Elvin, Jr.....	374	40	751	177	496	654	531	588	563	561	357
	727	Lindy, Alan Maurice.....	601	577	336	719	706	672	673	796	692	657	507
	512	Linton, Thomas Densmore, Jr.....	142	124	85	467	548	514	480	638	627	483	446
	617	Lister, Donald.....	286	410	415	613	468	618	459	769	579	588	169
	458	Llewellyn, Hiram Pete Franklin.....	374	613	305	443	282	403	435	524	526	397	507
	519	Lochner, George Hughes.....	534	679	781	670	215	540	269	569	448	210	507
	707	Logomasini, Joseph Harry.....	415	748	733	719	650	729	349	663	624	499	598
	709	Longino, Hugh Ellen, Jr.....	632	485	708	491	692	660	733	547	753	775	169
	250	Loudon, Donald Joseph.....	142	192	406	513	465	257	141	430	414	12	651
	717	Lund, John Ditlev.....	256	613	769	430	710	697	794	442	786	646	781
	259	Lynch, William Hanna.....	1	150	319	224	546	251	598	270	470	136	169
	399	MacDonald, Clinton Donald.....	506	613	633	173	586	288	522	538	300	543	169
	129	Machell, Reginald Montague.....	743	124	42	325	107	126	100	124	55	394	43
	560	Magee, Jack Edmunds.....	203	71	508	315	393	708	696	714	523	643	169
	699	Maguire, Edward Joseph, Jr.....	515	236	775	777	426	713	631	413	736	660	507
	403	Mahoney, Timothy Raymond.....	1	410	795	141	270	405	550	430	476	516	772
	546	Maier, Charles William, Jr.....	437	613	555	391	575	542	669	439	381	672	792
	676	Majesky, John Edward.....	534	410	212	339	615	730	593	524	752	606	703
	344	Mallard, John Boyd, Jr.....	330	679	369	141	474	375	647	297	253	508	357
	*82	Maninger, Halford Ernest.....	343	236	353	80	205	107	137	46	67	179	598
	677	Manseau, Robert George.....	684	802	695	726	642	658	595	257	429	694	507
	*107	Marquardt, Walter Ernest, Jr.....	124	49	105	125	69	194	301	87	162	232	703
	640	Marr, William Francis.....	568	535	487	764	586	587	743	650	608	382	507
	*48	Martin, Charles Elliott.....	73	124	144	31	54	89	386	124	39	120	271
	*13	Martin, William Leicester, III.....	217	283	105	27	7	25	10	19	38	45	43
	644	Matheney, James Waters.....	781	535	569	624	714	474	488	413	709	498	357
	661	Maxwell, Robert Walter.....	462	410	538	253	768	567	739	677	681	767	446
	142	Mayfield, Stanwix Greenville, III.....	256	342	249	141	125	156	427	134	106	280	357
	630	Mays, Charles Harder.....	670	535	369	596	735	553	538	617	533	696	357
	679	McAnulty, Robert Moorman, Jr.....	124	410	706	752	559	714	440	719	441	731	651
	626	McArthur, Kenneth Vincent.....	330	236	582	355	701	607	531	762	669	666	43

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
tb	784	McArthur, Ralph Welburn	142	150	798	801	799	797	798	709	734	725	169
	205	McBride, Jeremiah Rusk	670	236	249	107	268	144	325	77	332	378	357
tb	168	McCabe, Gerry Medlar	374	485	219	99	261	132	663	134	310	62	271
	743	McCallum, Charles Phillip, Jr.	779	748	116	777	741	676	480	752	713	545	4
	588	McCoy, Elbert Julius	644	236	695	451	744	710	578	480	370	487	743
	*12	McCoy, John Carver	343	71	20	27	54	5	49	46	19	106	43
	*100	McCreight, Major Israel	415	150	8	93	71	204	75	147	146	79	703
	*97	McCullough, Carlos d'Arcy	54	11	174	146	119	224	227	257	134	170	1
	475	McDonald, Ewing Raiford, Jr.	142	577	415	563	261	429	389	569	402	566	703
	243	McDonald, Irving Thomas, Jr.	283	27	188	472	492	476	598	222	179	215	108
	521	McDonald, Thomas Ely	544	192	53	624	433	624	256	480	559	434	43
	336	McElroy, Robert Lewis	374	49	497	253	368	389	325	422	302	687	271
	508	McEanearney, John Edward	704	613	660	550	643	383	663	324	474	462	4
	411	McFarlane, William Doddridge, Jr.	730	342	508	272	510	387	147	456	357	448	507
	785	McFeaters, John Shaffer, Jr.	490	748	319	757	728	787	705	746	764	734	703
	187	McGinnis, Thomas Patrick	1	236	282	262	97	146	563	87	245	368	703
	527	McMurray, William Cooper	256	485	267	550	155	580	262	767	584	184	507
	516	McQuilling, James Alexander	743	485	616	791	521	463	598	280	351	372	43
	672	McQuiston, Edward Irwin, Jr.	591	410	670	685	726	645	743	524	607	677	651
	424	McTammany, John Alan	256	342	282	424	236	661	522	364	442	259	108
	739	McVoy, James Leonard	470	485	733	563	730	704	752	719	773	728	446
	162	Meanix, William Henry, Jr.	644	679	431	405	167	378	104	40	81	20	43
	721	Mello, Gilbert David	374	535	770	491	714	578	786	709	790	683	598
	740	Meloy, Charles Furlong	437	679	695	745	750	767	623	547	735	619	4
	334	Mergl, Richard	437	192	527	157	325	440	165	338	488	357	169
	536	Merrill, Warren Howard	286	410	789	521	297	558	27	617	490	572	703
	746	Messenger, Frank, III	412	775	431	741	751	734	560	617	723	701	507
	282	Messere, Edward James	73	577	336	182	575	323	531	247	161	516	108
	294	Metcalf, John Trumbull, Jr.	621	577	767	230	519	110	717	134	266	410	651
	274	Meyer, Harry Berks	256	342	431	272	187	265	398	289	154	655	703
	*111	Meyrick, Charles Walter	534	91	695	348	51	92	205	163	75	166	446
	645	Middleton, John Davidson	544	283	582	756	629	569	589	681	612	610	357
	681	Mikovsky, Arthur Henry	217	342	633	497	619	653	743	791	569	718	781
	*20	Miller, Burton Joseph	124	32	6	24	110	159	227	32	120	1	169
	313	Miller, Conrad Cope, Jr.	73	613	65	411	316	423	198	257	551	15	507
	144	Miller, Edmund Anderson	462	410	73	99	136	149	154	103	176	255	169
	705	Miller, Gerlous Ganes, Jr.	801	724	679	681	585	443	696	681	498	769	446
	666	Miller, John Randolph	470	236	800	670	716	550	747	670	535	751	651
	180	Miller, Louis Vincent	1	650	61	213	433	140	398	64	181	233	43
	444	Miller, Raymond Lee	515	485	729	405	548	498	606	430	282	434	651
	246	Minter, Robert Octavius, Jr.	415	410	305	166	324	280	435	118	237	584	357
	189	Moffet, George Lear, Jr.	343	283	391	201	346	114	87	208	210	346	108
	278	Mohrhardt, Robair Ferris	754	410	380	230	371	157	165	171	257	551	357
	579	Mollison, Oliver Spencer	544	679	595	645	485	478	767	480	464	660	169
	668	Moore, Lundi Addison	694	724	267	774	593	555	676	691	633	452	43
	*20	Moore, Robert Sheppard	691	485	105	14	118	4	221	16	9	87	169
	692	Morency, Alfred James	651	786	445	325	733	633	298	514	624	781	108
	*11	Morgan, George Emir, Jr.	256	236	73	17	22	34	38	1	22	24	651
	428	Morgan, Hal McNamee	470	650	415	513	503	317	504	524	269	360	703
	192	Morgan, Harry Wayne, Jr.	202	283	73	230	150	97	173	413	294	215	357
	532	Morrison, Joseph Richard	515	236	555	283	510	492	550	578	618	619	271
	528	Mulkey, Reed Claiborne	73	535	95	483	507	545	611	627	502	433	507
	602	Murphy, Brian Patrick	694	679	708	497	445	641	570	422	590	587	43
	267	Murphy, James Francis	374	485	538	166	365	190	305	216	255	639	108
	241	Murphy, Ralph Frederick, Jr.	142	91	144	563	254	416	352	430	280	68	43

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Attitude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	138	Murray, James Daniel, Jr.	286	192	267	205	316	95	320	71	90	386	357
	305	Myers, William Albert, III	124	71	336	472	217	306	380	313	398	459	507
	561	Nadig, Donald Arthur	330	577	753	698	774	327	733	270	588	403	651
	160	Needham, Robert Clay	651	650	219	213	93	85	95	270	183	52	507
	395	Neely, Guy Morton, Jr.	601	283	305	411	536	459	708	313	271	437	271
	438	Nelson, Andrew Gibson	142	124	527	645	558	501	340	355	686	52	108
	247	Nelson, Philip Stuart	591	150	508	262	482	277	618	313	336	98	43
	*79	Nelson, Robert Henry	1	150	445	58	59	96	278	147	85	298	43
	328	Nemzek, Thomas Alexander	54	150	473	107	449	337	543	569	359	476	507
	623	Nicholson, Meredith Wayne	286	650	473	715	538	638	784	491	664	335	507
	*1	Noel, Lionel MacLean	1	11	11	8	5	7	5	3	2	5	169
	*91	Norman, Calvin Carl	203	71	144	141	180	94	248	57	165	173	446
	129	Norman, George Lloyd, Jr.	1	236	37	63	158	169	54	247	227	144	357
	*87	Norris, William Joseph	54	150	198	590	27	67	87	77	88	111	357
	796	Norton, Curtis, Ralph, Jr.	704	797	729	706	786	783	774	791	783	793	357
	752	O'Connell, Edward Joseph, Jr.	630	410	695	789	753	719	791	788	642	723	271
	263	O'Connell, Lawrence Gregory, Jr.	286	535	670	391	343	243	67	157	233	248	781
	568	Oesterreicher, John Anton	412	724	53	541	589	615	340	686	532	240	4
	654	O'Flaherty, William Anderson	415	724	473	581	619	629	500	719	677	381	446
	451	O'Keefe, Patrick Gordon	515	236	595	529	177	522	278	506	496	441	169
	320	Olsen, Oscar Ernest	621	236	788	411	197	151	239	538	144	715	108
	685	Ooghe, Robert Barksdale	415	706	267	764	764	635	488	757	497	399	507
	764	Ostlund, John Chapman	374	679	445	613	747	771	708	588	776	788	357
	*22	Oth, Edward John, Jr.	684	577	144	47	37	1	21	106	48	9	4
	*112	Ousterhout, Dean Turner	437	91	369	93	57	85	256	190	96	526	271
	741	Owens, Andrew Jenkins	751	283	282	796	589	743	790	769	745	308	357
	309	Page, Edward Wheatley	217	91	391	430	374	327	389	222	419	412	357
	135	Page, James Richard	73	192	267	325	404	31	639	124	33	557	271
	136	Palazzolo, Anthony Louis	1	236	174	272	158	158	239	113	272	32	446
	762	Palmer, Courtland Arnold, Jr.	670	679	295	777	760	718	692	734	656	779	651
	348	Pantle, Donald Clyde	470	748	144	430	188	226	340	270	426	226	598
	629	Parker, Howard Baucum, Jr.	722	283	249	735	607	671	337	558	575	538	651
	332	Parker, Sumner	601	706	380	117	420	124	317	199	428	513	792
	771	Parr, Warren Sherman, Jr.	657	485	549	606	772	793	685	728	754	740	357
	491	Parsons, Tom Davie	374	342	445	443	424	509	623	403	696	224	169
	488	Patton, James Eugene	415	283	125	182	464	475	473	468	641	669	357
	487	Paul, Milton Owen	657	736	105	645	252	472	218	524	316	492	169
	233	Peard, Roger Wood, Jr.	630	236	154	240	194	286	265	280	301	189	446
	625	Perkins, John Hamilton, Jr.	506	613	174	654	605	695	649	646	544	382	507
	738	Peters, John Charles	786	736	773	761	643	647	721	558	689	603	703
	*93	Peterson, Richard John	142	71	595	17	338	39	141	280	100	394	357
	756	Peterson, William Calhoun	256	342	793	670	780	762	760	558	746	777	651
	777	Peterson, Willard Stanley	437	706	431	685	786	779	793	778	756	718	271
	239	Phares, Malcolm Eugene	717	49	249	262	297	494	104	239	217	259	108
	614	Piazza, Thomas Joseph	374	150	305	529	744	652	550	686	658	450	271
b	790	Pillsbury, Eugene Hundley	591	535	555	798	775	800	680	727	794	559	271
	567	Plank, Richard Brearley	741	410	445	213	763	471	780	588	667	300	271
	172	Porter, Kenneth Albert	751	150	49	529	88	75	69	106	166	275	598
tb	723	Potteiger, Robert Samuel	1	342	174	706	756	732	717	617	764	681	446
	292	Potter, William Wesley	506	124	431	339	432	303	309	190	366	280	743
	650	Potts, Bobby Lee	591	236	380	698	705	696	721	569	511	716	43
	786	Pratt, Edwin Seymour	555	775	679	761	790	716	785	728	759	765	703
	621	Purnell, Harry Orvil	437	535	391	670	290	659	457	617	710	403	651
	298	Pyles, Lee Stuart	601	650	125	424	10	483	178	448	338	47	507
	310	Quillen, Claude James, Jr.	470	613	549	529	305	247	649	106	182	482	446

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
tb	*103	Rabinowitz, Joel.....	644	283	11	63	72	202	100	106	238	48	4
	167	Rakes, Calvin Eugene.....	374	150	497	299	245	141	120	171	54	463	743
	464	Ramsey, Lee McComas ²	694	283	6	706	452	478	404	686	235	511	4
	497	Ratliff, William Murray.....	142	283	238	764	278	585	305	538	603	104	271
	176	Rawsthorne, Edgar Arthur.....	374	6	25	93	149	176	19	430	544	203	108
	400	Read, William Gordon, Jr.....	1	49	188	654	517	519	330	497	378	280	108
	394	Read, William Lawrence.....	621	485	406	361	443	293	440	313	344	522	703
	747	Reddick, James Peter, Jr.....	694	410	85	757	746	748	702	800	768	360	108
	*38	Reid, Charles Eckford, Jr.....	217	49	30	146	24	18	70	124	98	83	169
	177	Reiher, Eugene Joseph.....	490	236	154	213	344	290	221	239	98	158	598
	226	Reiss, Robert Raymond.....	555	577	61	391	313	178	161	163	169	270	446
	787	Rensberger, Lee Orville.....	722	768	775	764	724	774	760	752	698	777	703
	*57	Rice, David Reagan.....	330	236	73	117	180	30	357	37	65	122	271
	731	Ridenour, Richard Wolfe.....	743	783	391	550	685	736	509	524	700	728	169
	642	Riegert, Theophil Paul.....	1	485	188	529	679	706	367	691	688	430	357
	364	Riger, Robert John.....	591	40	267	590	423	259	427	514	585	73	743
	*40	Rigsbee, John Taylor.....	73	192	125	125	15	48	74	32	41	226	4
	457	Riley, Philip Thomas.....	330	650	336	463	589	476	115	497	386	440	4
	572	Ringwood, Thomas Edward, Jr.....	54	535	508	715	430	458	631	728	634	376	4
	669	Ripley, Robert Kenyon.....	544	192	188	606	501	777	641	701	682	409	169
	*52	Risser, James Bruce.....	343	192	61	72	131	127	70	100	47	46	169
	469	Roberts, Calvin Watkins.....	767	613	508	451	194	368	141	422	478	543	598
	706	Roberts, Gerald Grey.....	415	613	607	606	785	692	799	569	647	701	43
	331	Roenigk, Ivan Leo.....	568	613	154	391	350	244	239	171	273	600	507
	*47	Rogers, Thomas Monroe.....	722	342	30	125	27	53	120	23	14	173	4
	655	Roland, Frank Orlando, Jr.....	767	535	538	670	629	500	756	663	605	600	598
	*43	Roman, Paul Douglas.....	142	27	406	11	88	71	95	71	59	326	271
	145	Romley, Richard Mansfield.....	256	150	154	72	188	145	66	199	196	252	598
	624	Roos, William Topkis.....	544	793	679	373	696	401	480	638	652	574	357
	494	Rowe, Robert Evans.....	717	650	607	424	374	393	374	524	468	483	271
	758	Ruggieri, Archie Raymond, Jr.....	667	71	391	764	723	791	779	773	760	633	271
	552	Rupe, Jack Wilbur.....	286	535	391	411	474	427	736	681	466	690	743
	678	Russ, William Hardy, III.....	555	650	582	606	522	686	641	608	613	708	507
	454	Rutledge, William Nunez.....	415	192	53	761	270	561	301	514	413	300	271
	*69	Sacarob, Merwin.....	217	410	198	9	102	13	187	29	155	259	507
	*65	Sagerholm, Frithiof Norris, Jr.....	415	485	166	107	38	56	11	157	61	60	651
	749	Sain, Frank Clinton.....	142	91	733	581	720	796	585	769	730	749	703
	491	Salomon, Robert Jess.....	203	410	473	483	538	495	736	456	477	461	271
	179	Sample, Wilbur Harry.....	286	40	267	361	49	225	292	280	243	339	169
	387	Sanders, Ernest Duke.....	374	577	473	348	250	379	538	190	240	751	357
534	Sandkuhler, William, Jr.....	217	342	457	681	360	537	178	691	638	184	271	
401	Sandlin, William Clinton, Jr.....	684	342	538	430	459	366	598	270	394	421	43	
753	Saraceni, Peter Julius.....	142	577	174	698	636	750	750	800	720	767	108	
*49	Sarris, Peter John.....	374	283	125	47	40	50	137	87	97	37	357	
*70	Sawtelle, William Jobse.....	515	192	457	39	65	38	137	64	95	300	43	
559	Schaeffer, Valentine Hixson, Jr.....	757	577	116	299	643	532	739	468	327	763	108	
201	Schaufelberger, Albert Arthur, Jr.....	286	485	595	107	350	324	325	222	79	320	446	
265	Schiweck, Kenneth Wolfgang.....	142	11	198	325	436	154	248	257	593	426	271	
128	Schlosser, Frank Palmer.....	142	724	116	11	257	122	161	87	92	373	357	
349	Schmidt, Donald Ray.....	54	342	445	290	504	413	567	199	451	292	357	
181	Schneider, Merlin Frederick, Jr.....	374	342	198	373	43	188	67	257	160	294	357	
*64	Schniebolck, Bernard.....	644	775	37	72	48	54	47	77	56	10	357	
371	Schoos, Paul Leo.....	256	192	116	157	477	518	367	302	483	371	598	
649	Schriefer, Walter Albert.....	601	706	267	550	677	662	547	719	451	579	703	
800	Schuchart, George Sprague.....	437	748	623	719	776	770	641	796	661	801	108	

² Name changed from Ramsey, Shirley McComas.

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	*14	Schuman, Elliott Paul.....	1	40	249	47	53	76	208	21	52	8	108
	630	Scott, James Hernandez.....	73	342	789	451	555	720	448	778	505	503	598
	690	Seoville, Jack.....	747	410	508	538	710	737	673	709	617	437	271
	419	Sebenius, Carl Harald, Jr.....	256	283	238	706	330	281	232	480	310	698	271
	*98	Seelye, Thomas Taylor, Jr.....	490	485	105	34	319	47	137	64	132	218	271
	332	Semeraro, Angelo Patrick.....	1	283	582	230	389	301	357	348	479	434	108
	564	Serrille, Louis Matthew.....	591	613	369	550	662	542	764	597	620	115	108
	373	Seth, Richard Henry.....	621	410	319	272	417	399	560	324	371	326	651
	306	Shacklett, Harry Ernest.....	286	283	73	381	265	361	198	313	455	248	43
	389	Shanhouse, William Miller.....	415	775	116	153	579	267	748	324	266	526	598
	249	Shapiro, Sumner.....	142	236	305	213	452	357	374	324	368	128	4
	635	Shea, Lewis Anthony, Jr.....	632	342	639	497	700	613	680	480	675	644	507
	363	Shealy, Oscar Cleveland, Jr.....	286	283	380	563	302	425	227	384	422	208	43
	732	Shepard, Byron Martin.....	644	485	457	624	735	676	764	769	728	683	651
	504	Sheppe, Richard Waring.....	142	236	406	624	420	538	265	677	539	248	446
	425	Sherman, Frank Edwin.....	217	485	125	107	601	304	459	468	486	704	357
	556	Shine, Eugene Francis, Jr.....	286	283	188	670	236	657	440	709	716	83	43
	357	Shirley, Harold James.....	780	650	336	253	459	209	619	216	289	417	169
	231	Short, Earl Richard.....	1	91	105	325	186	195	108	348	419	305	446
	693	Sieck, John Perry.....	717	410	616	581	610	684	721	448	750	680	43
	777	Simcich, Alfred Frederick.....	657	706	746	764	778	759	717	757	719	747	357
	*109	Singleton, Rodric Montgomery, Jr.....	366	342	53	290	93	128	317	113	28	255	357
	229	Siri, George Lawrence, Jr.....	343	485	116	339	245	230	500	302	194	149	446
	*116	Sivinski, Robert Eugene.....	73	283	431	189	119	80	153	124	73	511	169
	501	Skomsky, Stephen Alexander.....	374	342	219	240	322	564	309	608	473	694	651
	281	Smith, Carl Ray, Jr.....	330	342	607	348	449	364	286	134	168	457	507
	547	Smith, Charles McKinley.....	792	748	415	550	495	294	606	355	348	653	598
	442	Smith, Charles Ross, Jr.....	670	236	457	472	161	507	239	538	548	285	357
	*19	Smith, Donald Asa.....	437	124	174	34	30	41	75	12	31	90	446
	718	Smith, Earl William, Jr.....	788	706	415	596	753	668	777	773	542	542	271
	213	Smith, Frederic Walton.....	374	236	188	182	535	347	556	64	365	39	169
	121	Smith, Gerald Francis.....	54	283	125	80	137	177	187	124	157	243	271
	183	Smith, Homer Leroy.....	142	124	295	299	330	232	212	208	170	210	169
	571	Smith, James Herbert Basil.....	142	342	319	424	584	515	585	667	536	732	357
	277	Smith, Paul Edwin.....	54	577	154	247	175	486	374	199	464	59	169
	464	Smith, Robert Foley, Jr.....	1	535	163	513	394	432	578	442	462	552	703
	429	Smith, Robert Luther.....	142	236	555	299	670	400	570	376	404	639	108
	384	Smith, Robert McKillop.....	566	577	188	443	261	411	42	376	416	343	357
	535	Smith, Wayne Douglas.....	124	706	746	483	254	529	248	348	657	491	271
	769	Snodgrass, Cornelius Stribling, Jr.....	490	650	623	670	636	766	730	762	787	670	446
	285	Somerville, William Horace.....	1	283	53	497	437	172	269	134	221	733	357
	471	Speckart, Eugene Otto.....	366	613	457	355	562	485	707	393	406	505	446
	199	Spencer, Robert Mahonri.....	256	679	415	125	105	182	378	222	175	248	507
	341	Spielmann, Felix Sylvester.....	415	485	508	355	231	326	427	190	247	662	651
	754	Sprague, David Hayes.....	142	410	716	785	739	752	473	742	771	628	507
	184	Sprague, Edgerton Ten Eyck.....	1	11	249	361	530	180	661	208	162	285	598
	511	Stalneck, Carl Meredith.....	437	613	369	283	360	354	531	569	558	672	743
	*9	Stanfill, Dennis Carothers.....	73	3	11	24	3	36	18	52	53	35	507
	594	Stapleton, Walter Donald.....	786	535	623	596	596	397	473	403	474	720	446
	*52	Stegemerten, Leland Richard.....	54	236	527	72	36	65	45	77	57	177	108
	627	Stephenson, Paul Francis.....	470	748	708	550	402	533	194	597	570	741	651
	203	Stewart, Allan MacLeod.....	73	236	20	391	265	159	320	186	334	162	108
	337	Stewart, Gordon Graham.....	374	768	497	117	741	310	340	124	226	397	507
	755	Stewart, Robert Earl.....	437	613	582	719	655	753	656	800	697	692	651
	531	Stiles, Charles Lawrence.....	790	706	415	131	681	467	332	456	490	408	108

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptitude	Leadership	Navigation	O. & G.	M. F.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	374	Still, Donnell Moody.....	534	150	25	315	300	526	418	403	467	270	357
	355	Stoddard, Clarence William, Jr.....	437	108	198	411	287	561	357	237	644	155	1
	578	Stone, George Boyd.....	73	342	17	706	387	663	578	646	707	223	4
	*26	Stringfellow, Reid.....	142	283	219	107	77	17	232	11	33	58	43
	311	Stromberg, Herman Arthur, Jr.....	415	71	23	719	329	456	418	324	307	115	446
	404	Stuart, Howard Malcolm, Jr.....	142	535	569	240	688	431	736	393	335	193	507
	646	Stubstad, James Alfred.....	783	786	654	596	579	350	661	657	446	636	598
	*66	Stutt, William Chapman.....	256	342	353	201	131	21	91	58	16	298	108
	618	Suhr, Phillip Byrd.....	470	613	758	467	538	517	522	468	636	755	446
	643	Sullivan, John Humphrey.....	657	679	249	685	675	702	631	514	624	276	169
	733	Sumner, George Wilson, Jr.....	203	410	497	596	794	765	714	742	635	692	703
	*110	Swanson, Charles Oscar.....	217	24	473	121	260	173	404	222	63	284	598
	342	Swanson, Peter Scott.....	704	192	437	472	525	343	332	247	167	496	743
	*78	Swecker, Claude Eugene, Jr.....	142	236	166	86	113	82	467	23	134	150	169
	321	Swetzer, Harry Frederick, Jr.....	256	236	654	529	217	404	194	247	204	503	651
	125	Synhorst, Gerald Emmet.....	760	724	353	272	167	70	183	29	20	152	357
	775	Tapp, James Garner.....	534	410	445	719	789	754	796	657	793	760	598
	461	Taylor, Joseph Zachary.....	757	724	667	325	300	646	278	456	390	86	108
	215	Taylor, Richard William.....	343	91	219	472	303	269	198	355	171	221	169
	695	Thiele, Malcolm Hobart.....	568	724	737	730	567	699	575	578	673	501	357
	524	Thom, Philip Howard, Jr.....	784	679	380	373	544	214	515	778	255	522	703
	258	Thomas, Wallace Jerome.....	256	342	212	339	44	175	82	597	443	152	651
	323	Thomson, Alexander Dingwall.....	286	71	166	430	217	547	496	338	331	235	743
	613	Thurber, Harry Raymond, Jr.....	739	150	487	637	612	513	556	663	567	565	43
	218	Tift, Thomas Willingham, Jr.....	124	32	607	645	180	241	515	163	153	443	169
	478	Tinkham, John Alfred.....	515	748	569	451	743	344	538	247	260	636	703
	569	Tipton, Harold Forrest, Jr.....	330	535	219	513	374	620	676	538	592	596	108
	696	Titus, Robert William.....	343	485	616	531	707	724	504	701	727	487	43
	418	Tolbert, Robert Red.....	142	650	781	121	697	259	556	147	461	624	731
tb	662	Townsend, Jack Eryl.....	286	192	670	574	573	690	394	677	739	606	357
	*115	Train, Harry DePue, II.....	470	91	30	99	96	123	22	270	250	173	357
	196	Troescher, Fred, Jr.....	1	192	219	189	209	191	173	376	315	180	108
	343	Trueblood, Donald Richard.....	73	236	553	654	346	299	39	154	501	342	357
	544	Turner, Kenneth Edward.....	778	192	569	563	543	621	309	297	509	492	169
	368	Tweel, Roger George.....	415	342	670	247	523	271	480	302	208	713	743
	686	Twilla, John Kenneth.....	754	748	582	472	655	674	611	739	556	508	4
	772	Vall, Clinton Robert.....	374	577	726	574	583	778	696	746	801	704	507
	726	Valencia, Wallace.....	470	253	267	637	634	782	635	804	770	115	507
	745	Venable, Jack Donald.....	73	71	787	596	749	744	783	788	757	780	507
	240	Venning, Elias, Jr.....	73	71	125	299	234	325	145	257	341	386	703
	175	Vice, John Hancock.....	73	283	282	198	131	272	34	302	246	136	108
	779	Vladessa, Philip.....	515	535	733	747	781	790	743	636	797	712	169
	*63	Vogel, William Albert.....	601	535	639	47	92	26	35	46	27	160	507
	*86	Vogt, Leonard Frederick, Jr.....	490	435	166	80	274	32	147	100	57	311	271
	166	Volz, Robert Leslie.....	217	679	125	189	59	222	61	384	117	102	271
	431	Vosseler, Warren Paul.....	534	775	721	654	445	410	256	257	484	166	507
	*35	Walker, John Robert.....	343	108	25	34	141	33	104	52	24	157	507
	*83	Walker, Joseph Keith.....	253	108	212	182	73	133	187	154	114	65	357
	163	Wall, Orlando Albert.....	73	91	555	247	134	333	54	134	82	534	108
	620	Wallace, Jay Raymond ¹	343	11	415	451	552	560	448	691	742	734	598
	*59	Waller, Edward Carson, III.....	142	283	1	22	119	40	309	96	93	162	357
	591	Waller, Littleton Waller Tazewell, II.....	553	342	595	706	683	426	641	638	433	647	651
	479	Walters, Robert Levi.....	437	283	527	345	498	591	194	497	557	308	598

¹Name changed from Wallace, Joseph Raymond.

Relative standing of the midshipmen of the present first class (class of 1949), for the third year of their academic course, 802 members, June 1948—Continued

Symbol (see p. 28)	Relative standing for academic year	Name	Relative standing in—										
			Conduct	Apptude	Leadership	Navigation	O. & G.	M. E.	Aviation	Math.	E. E.	E. H. & G.	Hygiene
	*2	Walters, Thomas Joseph.....	286	3	2	5	1	8	6	100	4	17	108
	*30	Wamsley, John Alfred.....	568	613	212	2	10	14	129	14	94	56	271
	638	Ward, Frank Watson, III.....	343	775	431	781	424	593	394	558	597	424	446
	367	Watkins, Frank Thomas, Jr.....	124	342	741	262	306	411	637	239	356	574	169
	133	Watkins, James David.....	735	236	295	99	250	73	115	163	111	235	507
	378	Way, James Bernard, Jr.....	142	410	497	781	340	351	538	468	445	18	4
	287	Weaver, Robert Bullard.....	1	342	457	563	144	443	459	313	266	80	743
	*41	Webber, James Hamilton.....	751	535	85	89	35	34	115	21	1	130	43
	208	Weir, William Donald.....	374	124	238	157	278	229	332	222	394	83	703
	295	Wentworth, William.....	1	342	144	325	328	363	496	376	241	313	743
	575	West, Richard Harley.....	203	650	527	309	668	565	473	728	432	594	507
	232	White, Cyril Robert.....	256	577	391	283	316	261	221	270	210	168	169
	724	White, Henry Charles.....	766	775	457	661	433	705	325	578	743	584	651
	377	White, Robert Lewis.....	124	706	415	563	538	371	349	355	348	77	271
	490	Whiteside, Richard Edwin.....	286	192	649	590	490	497	165	456	492	487	651
	704	Whiting, Charles Segar.....	142	613	689	443	731	722	760	744	729	443	169
	245	Whittier, Ralph Dudley.....	717	236	65	219	306	250	286	247	405	148	357
tb	797	Whittlesey, Barry Dean.....	462	485	380	794	797	801	769	757	798	786	43
	463	Wielki, Eugene John.....	217	485	799	146	239	442	286	588	520	635	598
	275	Wilder, Fred Jennings.....	1	342	607	325	152	394	157	163	296	513	169
	675	Williams, Edwin Earl.....	765	679	741	538	671	570	593	736	562	579	357
	254	Williams, Ralph Pete.....	142	1	497	451	198	422	239	456	343	468	43
	225	Wilmoth, Evert Dale.....	253	192	415	283	459	166	480	134	261	339	446
	555	Wilson, Carl Burney.....	343	650	457	619	378	482	578	638	531	468	169
	466	Wilson, James Creighton.....	568	485	305	430	442	333	758	491	554	418	357
	734	Wilson, John Caldwell.....	142	410	144	747	690	768	769	751	737	454	651
	140	Wilson, Ralph Ensign, Jr.....	54	613	198	43	156	64	191	222	111	423	507
	657	Wilson, Russell Franklin.....	651	679	708	272	546	715	459	497	767	378	169
	486	Wisherd, Robert Bidle.....	286	283	30	706	277	435	100	627	678	208	507
	484	Wittschiebe, Donald William.....	544	736	595	391	596	469	418	608	252	452	271
	616	Wolford, Richard Stephen.....	73	613	660	606	649	598	504	547	639	593	108
	416	Wood, Barkley Thomas, Jr.....	544	706	721	182	536	215	623	302	364	617	703
	193	Wood, George Pierce, Jr.....	203	342	527	240	287	300	124	154	131	285	43
	360	Woodard, David Jackson.....	632	283	188	262	314	320	404	338	506	378	271
	647	Woods, Edwin Elmore, Jr.....	256	124	633	692	771	670	780	578	628	561	271
	687	Woods, Harry Dale.....	330	236	508	741	602	725	721	636	701	476	507
	291	Wright, William Walker.....	256	679	679	189	293	242	448	364	140	573	271
	437	Wynn, James Henry, III.....	601	410	623	739	371	431	298	403	274	406	169
	*96	Wynne, William Edward.....	73	49	49	69	142	150	37	247	333	36	4
	314	Yingling, Abdiel Ralph, Jr.....	256	485	595	240	268	357	404	364	288	399	446
	380	Young, Duane Chadwick, Jr.....	632	192	305	661	458	256	500	403	444	162	271
	257	Young, Randall Wayne.....	374	410	670	182	209	316	159	313	291	326	446
	262	Youngblade, Charles John.....	644	283	508	177	426	221	522	157	205	566	446
	730	Zekan, Charles John.....	366	49	706	574	445	491	467	324	278	456	169
	448	Zettel, Marcus Alvin.....	590	577	319	550	264	368	269	403	379	631	507
	*72	Zimmerman, Edward Francis, Jr.....	544	108	65	24	107	84	141	113	109	131	651

NOTE.—Where relative standing is in excess of the membership, such relative standing is based on the membership of the class at the time the work was completed.

PRESENT SECOND CLASS

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948

Symbol (see p. 28)	Relative stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
	382	Abercrombie, William Robert, Jr.	661	330	449	368	305	336	407	71
	336	Akin, John Cobleigh	667	44	497	164	355	427	523	538
	567	Albright, Donald Sebring, Jr.	123	77	633	502	533	683	436	454
	688	Allen, James Anthony	453	210	601	687	660	716	597	654
	272	Ameen, David Adel	377	210	309	263	476	191	176	689
	197	Ammann, Louis Aloysius, Jr.	170	140	136	328	166	237	336	278
	381	Anderson, Harry LaVerne	377	55	280	492	498	86	497	538
	262	Anderson, Thomas Albert	290	378	201	178	204	517	520	654
	645	Anderson, William Ward, Jr.	551	587	593	603	664	550	403	689
	138	Andresen, Ronald Nils	25	13	394	267	196	114	62	538
	*21	Angleman, Cornell Carpenter	437	210	41	15	13	43	216	22
	409	Armstrong, George Kornegay	227	210	304	484	498	545	216	454
	135	Armstrong, Neil August, III	143	77	169	152	152	407	134	605
	*95	Arnold, Henry Duff	277	8	116	100	228	221	64	689
	143	Arnold, Julian Marion	309	264	188	90	78	522	288	454
	363	Arvidson, Carl Henry	453	557	258	229	388	516	559	197
	650	Ashley, John Thomas, Jr.	340	705	709	539	652	457	593	22
	300	Austin, Fuller Arnold	377	173	190	348	137	558	586	278
	550	Avery, Bobby Roger	234	378	649	518	629	435	339	197
	375	Axe, John Roger	696	587	481	246	320	185	517	278
	250	Ayres, William Harvey, Jr.	234	427	251	275	205	407	327	278
	161	Babbe, Robert Henry	411	140	80	131	110	296	590	71
	189	Babcock, Robert Emerson	143	587	114	313	275	203	82	71
	516	Babington, Herbert Robert, Jr.	599	264	375	415	455	709	536	71
	153	Baggett, Lee, Jr.	170	264	237	244	96	69	300	278
	440	Bagley, Ralph Frederick, Jr.	25	587	589	295	522	503	344	454
	*103	Baltz, Ambrose Joseph, Jr.	488	639	93	51	82	160	291	134
	376	Barber, Ray Cleveland	590	378	203	411	370	328	475	134
	159	Bardes, Charles Robert	628	55	345	138	370	76	52	605
	561	Barnes, Arthur Dayton, Jr.	488	476	344	670	488	366	471	278
	518	Barnette, Curtis Levon	516	35	530	569	413	454	572	654
	644	Barrow, Spencer Alan	623	557	683	596	517	632	488	71
	489	Barry, Jack, Jr.	544	427	564	599	323	724	44	197
	*70	Bauer, Robert Francis	36	526	34	111	61	95	219	22
	176	Beal, Frank Stuart, III	617	378	163	265	435	5	165	9
	214	Beck, Frederic Ernest, Jr.	377	616	57	353	114	230	386	454
	379	Bellis, Stanley Bayha	359	427	495	377	237	355	415	689
	180	Bendell, Lee Roy	290	264	202	127	190	223	441	197
	*107	Berger, William Louis	377	101	183	48	151	260	223	134
	344	Bier, James Sparks	340	101	310	367	260	342	596	381
	500	Bigley, Thomas Joseph	309	25	316	628	572	292	487	689
	*57	Billings, John Hilary	605	476	117	61	73	68	57	454
	166	Binnion, Robert Charles, Jr.	199	427	145	169	183	170	291	538
	*10	Birkel, William Myers	68	55	38	71	27	11	15	197
	716	Bisselle, Robert Ashford	1	173	727	708	723	634	673	381

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Relative stand- ing for aca- dem- ic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
		412 Bixby, Kenneth Edward, Jr.	584	330	569	215	543	466	319	716
		531 Block, Peter Fitzgibbon.	118	330	627	632	613	62	397	381
		350 Blyde, Lewis John Newbery, Jr.	466	173	577	505	608	180	8	71
		431 Bolger, John McCaffrey.	623	699	485	343	385	576	211	381
		181 Boney, Paisley, III.	234	20	431	210	340	123	122	538
		676 Bonner, Frank Richard.	123	264	672	600	704	450	704	716
		459 Booth, John Edward.	568	173	443	451	511	310	458	538
		319 Bosseu, David August.	227	587	122	379	251	187	651	22
		453 Bossert, Richard Michael.	411	378	487	340	586	333	480	134
		508 Bottom, George Albert, III.	568	119	533	561	429	449	452	197
		517 Bowen, George Jackson.	234	526	454	390	394	655	699	1
		*68 Bowers, James Robison.	82	330	42	150	169	50	30	381
		*81 Bowers, Ray Landis, Jr.	36	378	77	107	40	127	274	278
		351 Bown, Walter Lee.	199	378	220	361	309	530	423	381
		206 Bowyer, Robert Eugene.	510	330	336	285	307	177	88	22
		*2 Boyd, David Stuart.	170	119	1	12	5	2	93	134
		224 Boyd, Roger Earl.	488	526	314	166	198	509	248	134
		643 Boylan, Bernard Robert.	143	526	551	559	673	703	466	538
		670 Bradford, Daniel Wayne.	657	526	642	476	636	725	332	381
		630 Brady, Gene Paul.	636	557	624	704	408	422	543	9
		360 Branson, John Joseph, Jr.	488	526	273	504	242	374	286	381
		192 Braybrooke, Christopher.	261	427	190	193	260	217	255	9
		144 Brett, Morton.	36	476	155	302	249	86	24	197
		429 Bretting, Martin McDermott.	718	639	462	196	288	558	581	454
		377 Brick, John Henderer.	711	173	237	423	170	452	514	454
		*63 Bronars, Edward Joseph.	447	55	158	29	57	393	137	538
		710 Brown, Bonner Bee, Jr.	329	639	724	640	691	727	448	716
		614 Brubeck, Donald Philip.	261	526	507	626	497	680	472	538
1		547 Bruce, George Duncan.	723	526	521	409	318	550	616	605
		263 Buck, Carl Matthew, Jr.	578	427	299	243	214	221	436	197
		267 Buck, Guy Phil.	123	330	263	324	184	545	310	197
		521 Buck, Roger Leonard.	437	264	499	579	592	247	342	538
tb		528 Buckley, Ellis Harrel.	530	669	452	450	382	653	469	454
		294 Buehler, Harold Roger.	329	264	261	157	135	705	612	538
		288 Buitla, Arthur Glen.	199	173	180	553	167	506	187	197
		371 Bulger, Thomas Edward.	82	476	573	468	508	452	24	605
1		421 Bunts, John Luther, Jr.	705	711	245	332	219	514	523	278
tb		670 Burgess, Joe Roy O'Neal.	437	669	637	643	706	429	566	71
		628 Burgess, Scott Charles.	437	711	614	371	589	721	449	538
		537 Burke, William James.	309	557	639	491	464	435	507	538
		162 Burnett, Carl Joseph, Jr.	36	25	265	317	292	256	21	538
		247 Burns, Jeremiah Staniford.	551	476	333	227	213	215	372	134
		200 Burns, Kenneth Robinson.	234	55	273	375	212	490	44	454
		362 Burt, Alexander Roy, Jr.	424	557	292	428	537	154	229	71
		510 Bush, Richard William.	544	616	575	464	383	344	603	197
		*101 Buteau, Bernard Lamothe.	369	13	29	153	240	112	141	22
		*77 Butler, Anthony Stow.	424	264	131	116	108	65	72	197
		237 Cady, John Parmelee, Jr.	541	378	110	284	191	272	426	278
		256 Caldwell, James Hamilton.	199	264	295	231	384	336	266	381
		541 Calhoun, Joseph William.	551	557	565	495	457	560	472	278
		519 Callahan, Andrew John, Jr.	730	722	464	221	486	659	365	278
		148 Cameron, Allan Kenzie, Jr.	290	476	44	236	85	265	288	134
		*69 Cameron, James Martin.	403	77	123	142	36	247	78	9
		184 Cariker, Jess Lee, Jr.	199	330	182	204	164	154	319	742
		562 Carpenter, Norman Eugene.	453	587	554	459	452	367	712	278
		210 Carr, Edward William.	605	655	183	70	53	650	654	278

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
622		Carr, William Kelly	309	264	559	696	582	166	645	605
131		Carter, Frank Richardson	544	55	501	84	111	533	48	454
242		Cassilly, Frank Rodes	708	711	82	288	291	10	379	134
615		Castellanos, George Manuel	725	616	704	431	684	695	38	605
581		Cavanaugh, John Paul	411	330	611	518	429	683	535	278
182		Caylor, Floyd Martin	199	173	359	105	417	424	74	381
401		Chaitin, Neil David	488	330	427	460	479	22	600	454
328		Chambers, John Joseph	227	101	300	398	313	442	351	605
169		Cheatham, Guy Chester, Jr.	178	8	345	187	86	285	569	22
405		Chipman, Eugene Nelson	530	44	283	339	276	624	696	71
606		Church, Clifford Ellison, Jr.	309	173	554	512	583	540	690	654
712		Cirencione, Francis Joseph	605	476	693	711	461	715	726	71
380		Clark, Charles Amory III	590	476	417	309	218	517	507	538
621		Clarke, Walter Lewis, Jr.	715	427	606	582	495	377	633	278
118		Coffin, Sherman LeRoy	564	526	113	36	104	455	278	134
435		Coleman, Gerard Giles	82	210	583	362	456	657	297	71
407		Colleary, John Edward, Jr.	617	639	194	615	359	391	95	454
527		Collin, Henry Arthur, Jr.	377	140	561	689	564	209	208	197
512		Colvin, Harold Clifford	261	378	569	413	427	566	670	22
460		Conatore, George Eugene	720	526	342	483	509	237	226	605
419		Condit, Maurice Johnson	674	264	353	474	279	340	511	22
451		Congdon, Walter Rich	369	476	348	560	458	460	248	381
221		Conley, Philip James, Jr.	143	119	91	485	362	102	127	454
187		Conlon, Charles Michael, Jr.	424	264	253	81	192	455	368	381
142		Cooke, David Hume	377	689	143	122	39	343	270	538
569		Cooper, Charles Grafton	227	55	694	544	584	263	563	278
*59		Cossaboom, William Miner	36	77	156	7	52	379	348	197
152		Coughlin, John Thomas	424	55	129	128	217	173	357	71
599		Crafts, Clifford Earl, Jr.	377	476	633	525	627	472	511	278
594		Cramblet, Frank	309	476	473	452	543	674	676	454
701		Crowley, Craig Edward	705	654	663	620	642	681	627	538
698		Cunningham, Russell Payne, Jr.	234	173	669	607	726	691	695	22
562		Curley, Wilfred Bernard	710	587	484	550	515	412	311	654
390		Daleo, Lorenzo James	510	427	425	433	248	617	265	278
533		Darfus, George Haver	403	476	651	392	534	503	559	9
515		Davi, Jerome Anthony	234	35	471	654	590	667	84	454
411		Davidson, Charles Anthony	686	705	563	239	401	503	210	381
457		Davis, Allen Burch	123	173	370	490	358	637	475	454
298		Davis, James Bly	290	557	133	498	447	89	152	605
433		Davis, Lloyd Robert	369	587	387	507	363	346	330	689
441		Davis, Robert Leroy	621	616	546	647	172	299	172	654
165		Davis, Walter Edward, Jr.	36	330	199	114	290	236	204	654
188		Davison, Richard Dean	290	264	100	366	234	120	138	134
358		De Backer, Theodore Albert	143	476	573	343	594	410	39	381
634		DeMers, William Henry, II	329	44	633	634	615	593	653	197
635		Denmark, George Thames	377	55	630	633	628	550	679	71
448		Deranian, George Gregory	199	557	445	538	433	575	176	381
273		DeWitt, Birkhard Bliss	329	330	283	441	264	221	175	134
352		Dickerson, William Joseph	641	557	541	337	224	291	297	538
*93		Diehl, William Francis	564	119	59	123	138	24	250	278
119		Dille, Earl Kaye	488	427	94	100	59	321	273	538
130		Di Nardo, James Joseph, Jr.	1	140	131	196	188	195	167	71
637		Dixon, Brewer, Jr.	644	616	643	534	577	583	635	1
595		Doak, Samuel Lawall	359	330	493	637	554	336	685	1
605		Doan, Richard Carpenter	541	616	501	500	617	560	553	538
*4		Dobony, Charles	82	3	12	19	3	25	32	381

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
1	691	Dollinger, Richard Edward.....	488	587	623	707	688	607	566	454
	456	Dombrowski, William Frank.....	488	210	359	384	350	419	702	654
	402	Dooley, Gerard Francis.....	170	330	365	365	453	610	329	278
	301	Dorsey, Joshua Worthington, III..	612	210	337	428	299	62	369	197
	473	Drake, Hugh Hess.....	199	77	355	298	389	720	686	605
	519	Drake, Richard Francis.....	424	427	626	289	386	636	700	278
	505	Drew, Albert Edward.....	551	427	550	358	346	589	646	689
	183	Driscoll, George Francis.....	702	557	247	148	303	98	68	538
	646	Droge, William Bernard, Jr.....	578	476	698	621	658	394	404	654
	282	Duggan, Frederick Francis, Jr.....	623	705	287	303	180	470	138	454
1	228	Duggan, Richard Walter, II.....	377	264	406	97	262	517	306	689
	*29	Dughi, Carl Matthew.....	143	330	17	69	31	57	103	605
	725	Dunaway, Gene Trayser.....	277	427	710	699	727	729	709	381
	167	Duncan, Alfred Grady, Jr.....	199	55	124	207	347	268	140	278
	672	Duncan, George Washington, Jr....	329	210	703	693	719	483	304	605
	137	Dungan, Frank Edward.....	234	101	187	158	173	191	211	134
	178	Dunham, Donald James, Jr.....	685	173	206	92	176	466	255	197
	548	Dunham, John Robertson.....	1	119	491	622	601	443	392	454
	565	Dunn, Charles Carroll, Jr.....	644	587	522	354	614	623	392	654
	194	Durham, Samuel Carr.....	488	378	370	117	397	164	126	197
tb	246	Dyer, Thomas King.....	578	557	271	216	147	239	497	381
	626	Eagye, Thomas Robison, II.....	623	427	655	529	530	580	661	197
	*106	East, George William.....	560	77	79	74	178	326	77	654
	529	Edwards, Frederick Andrews, Jr....	424	587	276	576	380	306	687	689
	218	Elliott, James Donald.....	481	173	256	333	317	182	105	197
	286	Ely, William Benjamin, Jr.....	36	173	198	343	271	315	548	22
	*87	Emerson, David Frederick.....	329	210	66	174	99	38	148	278
	*33	Engle, Raymond Edwin.....	466	77	24	30	25	32	401	71
	592	Engler, Robert Frederick, Jr.....	377	210	433	630	573	548	579	134
	686	Erickson, Harold Frederick.....	704	655	721	666	623	573	353	278
tb	*14	Estes, Howard Mitchell, Jr.....	424	427	4	55	49	1	76	197
	304	Evans, Hubert "T".....	123	25	408	225	405	481	500	134
	*25	Eyster, Rodney Eugene.....	82	55	103	92	75	12	10	197
	204	Fahey, Robert Francis.....	632	616	163	145	365	272	130	381
	*38	Fahland, Frank Richard.....	178	210	21	26	83	64	194	381
	255	Fahs, Raymond Zeigler, Jr.....	650	330	370	176	223	517	218	538
	689	Fairbank, Carl Sherwyn, Jr.....	488	378	677	692	678	700	455	538
	486	Fant, Donald Fitz-Gibbon.....	715	728	560	550	185	312	263	538
	297	Farnsworth, William Barbour, Jr..	82	173	386	545	439	296	16	454
	609	Farrell, John Beveridge.....	403	526	243	681	615	479	514	538
tb	368	Feagin, Frederick King.....	118	689	527	466	321	265	167	278
	*5	Fears, Donald Gene.....	199	77	7	4	10	8	47	71
	*24	Featherston, Frank Hunter.....	628	140	25	35	71	4	133	197
	370	Fenier, Joseph.....	453	476	340	356	391	495	301	381
	335	Ferguson, George Doughty, III.....	143	264	514	380	532	180	118	454
	652	Fillmore, William Carr.....	377	476	713	683	579	416	417	381
	145	Flint, Walter Howard.....	143	210	218	214	227	200	36	454
	679	Flory, Harry Russell, Jr.....	25	140	692	728	603	579	328	197
	588	Foley, Sylvester Robert, Jr.....	377	140	609	616	621	479	411	71
	*56	Forbes, Donald Kerry.....	199	1	84	87	256	39	60	654
tb	175	Forehand, Paul Warren.....	290	77	137	334	146	234	202	381
	599	Fox, George Alfred, Jr.....	143	526	639	710	670	187	123	605
	572	Fox, Richard Thornton.....	693	616	415	584	335	591	483	278
	*34	Fraasa, Donald Gordon.....	277	25	55	44	46	151	135	278
	394	Frank, Elias Clinton.....	584	587	390	291	488	326	335	728
	700	Frasier, Harrison Gibbes.....	657	264	717	663	639	655	624	605

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 23)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
2		506 Frazier, Montgomery Lamar.....	340	330	411	542	569	143	603	454
		524 Freeman, Roger Minor, Jr.....	143	210	678	271	541	700	500	278
		233 French, Norman Moody, Jr.....	199	210	491	75	267	422	436	689
		134 French, Robert Dean.....	369	557	431	132	127	282	28	454
		305 Frerichs, John Silver.....	82	173	174	472	253	536	236	278
		*57 Fritz, William Wendell.....	340	587	68	67	22	173	143	197
		587 Frosio, Robert Clarence.....	697	264	554	594	630	230	365	454
		655 Frudden, Mark Perrin.....	599	378	501	642	649	612	633	71
	Inc.	Funk, William Jesse, Jr.....	1	378	Inc.	Inc.	Inc.	61	11	Inc.
		334 Galloway, Charles Rench, Jr.....	605	616	333	207	337	256	614	22
		191 Gardiner, Thomas Moir, III.....	411	173	225	227	77	429	319	454
		135 Gaylord, Robert Frank.....	25	140	74	175	250	287	158	1
		406 Gedney, Kendall Courtney.....	632	526	292	299	284	649	522	134
		307 George, Thomas Benton, Jr.....	36	210	380	212	470	415	388	381
		708 Gochenour, David Thomas.....	670	616	666	722	638	532	632	381
		171 Goldbeck, Lewis Henry, Jr.....	551	264	254	147	117	135	442	197
		168 Golding, Edwin Irwin.....	178	210	247	155	370	79	201	134
	*26	Goldman, Robert Louis.....	488	427	64	17	4	143	110	605
		684 Goodiel, Carlton Duncan, Jr.....	667	476	720	661	604	536	607	71
		291 Goodspeed, Richard Emory.....	359	173	440	289	345	528	142	278
		345 Gordon, Gilbert Harold, Jr.....	447	173	442	453	215	379	332	278
		193 Gray, Gordon Miles.....	36	55	138	277	165	276	411	134
		129 Gray, Rockwell Mason, Jr.....	1	8	243	139	348	27	214	689
		354 Green, Fredric Alvin.....	261	616	228	283	436	177	592	538
		339 Greenberg, Edwin Gilbert.....	36	476	283	427	526	36	416	197
		145 Greene, Leonard Belmont.....	632	557	138	159	97	121	252	71
	*19	Greenley, Rob Roy.....	143	55	39	39	26	16	171	278
		202 Greenwood, Charles Lawrence.....	227	264	185	86	332	319	495	381
		149 Greenwood, John Edson.....	143	44	125	200	298	109	221	9
1		574 Greer, Wiley Winton.....	447	427	408	678	519	285	467	538
		656 Grier, Joseph Lee, Jr.....	403	210	512	665	650	685	475	605
		252 Griest, Jeffery Willing.....	530	378	237	233	279	226	359	454
		236 Griffin, Carroll Riggs, Jr.....	530	476	342	281	496	98	66	71
		121 Griffin, Ellegood Vaughan, Jr.....	178	330	58	194	171	83	191	278
		439 Grigg, William Hunter.....	143	526	304	417	449	367	574	605
		469 Grimm, William Francis.....	481	119	459	372	464	659	426	654
		315 Groover, Morgan Knowles, Jr.....	590	476	399	297	253	265	301	742
		668 Grosvenor, Alexander Graham Bell.....	727	727	657	436	611	607	457	742
		281 Grove, Michael Motte.....	261	587	234	385	225	300	246	381
		633 Grunwald, Edward Albert.....	178	77	602	590	665	692	467	454
		343 Gude, Erik Anker.....	143	20	259	443	292	646	293	689
		309 Haidler, William Bernard.....	290	330	295	508	128	196	538	22
		241 Hain, Gilbert Nelson.....	377	655	212	151	117	536	458	654
		284 Hall, Donald Perry.....	1	474	128	238	368	447	536	22
		325 Hall, James Horace.....	568	476	95	442	154	545	518	71
		446 Halleck, Leland Duane.....	564	526	333	359	568	246	566	134
		174 Halperin, George Bennett.....	424	587	316	272	336	15	71	71
		226 Halpern, Earl.....	590	699	452	260	370	72	26	605
		291 Hamer, Robert Reginald, Jr.....	424	264	208	478	527	46	135	278
		385 Hammett, Floyd Edward.....	377	210	396	407	555	280	207	689
	*51	Hampton, George Forrest.....	25	330	226	22	17	116	253	689
		122 Hancock, Virgil Rollin.....	143	20	73	182	235	196	196	9
	*78	Hanks, Norris Junior.....	25	140	56	106	41	263	253	278
	*72	Hanson, Carl Thor.....	36	101	48	140	175	177	37	71
		278 Hardy, Martin Earl.....	340	689	119	189	179	450	673	134
		490 Hardy, William Jennings, Jr.....	199	55	445	549	548	374	540	278

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
	*27	Harkness, Richard Ernest.....	621	616	74	41	20	60	27	197
	387	Harrell, Richard Dewitt.....	466	55	602	475	464	292	148	381
	577	Harris, Robert Dale.....	437	587	561	658	511	496	282	197
	483	Harris, Robert Doughtry, Jr.....	340	330	390	566	612	506	183	197
	*79	Harrison, Lloyd Elkins, Jr.....	234	44	107	232	113	17	70	454
	610	Hart, Silas Clinton, Jr.....	234	330	420	595	707	528	462	538
	339	Hartwell, Ralf Lee, Jr.....	277	264	323	392	323	432	347	71
	*7	Harvey, John Wesley.....	25	3	20	20	11	70	46	134
	348	Hawkins, Larry Larue.....	329	210	177	543	341	640	101	71
	697	Hawkins, William Forrest.....	715	35	606	712	642	600	659	654
	500	Hays, Ronald Jackson.....	170	140	611	370	651	387	526	134
	203	Hayward, Houston Conant.....	234	526	316	259	106	475	183	381
	666	Heard, John Adrian.....	693	378	611	685	556	491	621	278
	*88	Heerwagen, David Dupuy.....	377	119	70	91	65	90	316	689
	399	Henderson, John Merrill.....	590	140	355	556	476	115	338	71
	624	Henning, John Charles, III.....	590	476	518	583	610	599	492	605
	232	Herman, Stanley Adamson.....	377	476	200	267	221	288	286	381
	295	Herring, Harold Gene.....	199	526	133	389	209	313	543	22
	654	Hiatt, Henry George, Jr.....	639	587	417	713	469	601	590	197
	271	Highberg, Roy Warren.....	199	77	190	274	419	372	313	605
	365	Hinnant, Harris Odom.....	1	173	282	455	590	280	226	134
	155	Hirsch, Charles Olaf.....	82	119	291	30	181	687	236	381
	558	Hobson, John Jacob.....	309	587	299	627	624	370	375	454
	464	Hodnette, Lovic Pierce, Jr.....	699	330	228	524	528	318	354	278
	398	Hoffman, Robert Dale.....	199	119	370	357	524	586	323	381
	590	Hoffman, Samuel David.....	290	689	494	562	445	470	639	654
	231	Hoge, Kenneth Gilpin, Jr.....	453	101	375	217	309	359	155	716
	470	Hoggard, William David, II.....	568	526	471	364	502	634	278	605
	602	Hogue, Harvey Hamilton.....	123	77	539	675	672	500	360	197
	308	Holcomb, Franklin Jay.....	644	587	314	326	222	486	250	22
	665	Holcomb, Sanford Preston.....	424	722	650	655	501	628	555	381
	*105	Holman, Rockwell.....	277	35	60	167	84	86	266	538
	361	Holmes, John Snyder.....	143	476	252	342	323	464	533	278
	669	Hooker, Walter Joe.....	411	476	705	706	708	443	194	538
	408	Hooper, Charles Seaman, Jr.....	377	210	295	395	434	565	474	22
	445	Hoover, Howell Peacock, Jr.....	290	587	470	349	492	475	460	197
	*18	Hopkins, Clifford David.....	277	140	69	53	28	73	19	22
	611	Hopkins, William Holden Phelps.....	261	264	667	497	696	535	540	71
tb	513	Horner, Robert Anthony.....	411	378	414	526	424	416	649	197
	337	Hotz, Edward Christian, Jr.....	82	13	580	273	263	270	668	654
	478	Houser, Franklin Caldwell, Jr.....	578	25	441	469	600	329	557	134
	395	Howard, Charles Thomas.....	488	140	402	555	308	429	191	716
	410	Howard, Joseph Bowyer.....	290	526	616	235	339	499	597	134
	333	Hudson, James Alexander.....	612	557	381	411	226	711	18	454
	218	Huff, Mahlon Shepard.....	261	330	233	372	87	374	317	22
	*47	Hughes, Ray Stewart.....	290	264	63	11	15	349	306	278
	*85	Hunt, Donald Bancroft, Jr.....	123	210	228	112	122	94	61	454
	685	Hunter, Robert Eldredge, Jr.....	227	378	680	715	667	171	705	454
	372	Hurley, Joseph Denis.....	340	526	359	631	412	93	108	381
	240	Hussmann, Harry "L", III.....	590	264	327	221	163	145	497	605
	620	Ikeler, Thomas Rittenhouse Shobert.....	290	264	619	528	724	324	575	71
	160	Innerbichler, Leo Joseph.....	199	101	322	190	306	241	35	689
	139	Irish, George Elbert.....	143	173	214	49	201	576	189	538
	*28	Isles, Ted William.....	261	557	16	95	68	7	54	278
	673	Ivanson, Kenneth John.....	551	476	659	668	485	640	661	605

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Relative stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
1	356	Jablonski, Eugene Richard.....	36	101	529	121	483	643	607	9
	641	Jackson, Jack Coleman.....	677	427	668	514	709	427	483	197
	681	Jacobs, Jesse Martin.....	662	669	676	563	690	687	384	538
	729	Jacobson, Jacob Harry, Jr.....	544	639	723	727	687	650	721	278
	492	Jakimier, Beverly Glass.....	1	119	430	575	538	296	533	454
	*35	Jarrell, Donald Lee.....	199	173	30	78	79	14	106	728
	163	Jasperson, Robert Wrenn.....	261	557	121	383	133	43	128	454
	414	Jefferson, Robert Ray.....	68	264	461	388	414	472	529	22
	248	Jenike, Thomas Edgar.....	403	210	145	267	239	379	389	278
	470	Jennings, Bruce Merlin.....	277	616	412	413	549	540	362	197
	422	Jensen, Wayne LeRoy.....	199	378	287	552	449	90	614	71
	126	Jessen, George Eli.....	466	77	144	118	163	154	266	134
	683	Johnson, Frederick Welty.....	697	699	691	671	561	240	678	538
	484	Johnson, Phillip Thomas.....	277	264	495	505	480	416	462	605
	348	Jones, Robert LeRoy.....	590	705	303	261	295	414	406	134
	435	Jordan, Jack deLaittre.....	199	526	326	304	513	478	619	278
	311	Kaplan, Murray Lee.....	516	699	92	449	356	290	157	538
	*90	Katz, Samuel.....	118	330	117	198	157	146	7	278
	128	Kaune, James Edward.....	199	119	177	65	161	365	379	71
	498	Keebler, Richard Ernest.....	82	476	541	535	387	611	417	71
b	*8	KeEVERS, Robert John.....	82	378	11	9	32	41	12	454
	*30	Kelly, Ronald Thomas.....	234	140	52	56	72	215	29	1
	541	Kelly, William Perry, Jr.....	667	639	370	557	406	713	205	381
	714	Kempen, George Frederick, II.....	723	728	714	577	663	639	681	22
	*80	Kempf, Cecil Joe.....	82	140	49	33	93	562	269	71
	393	Kennedy, James Roger, Jr.....	340	55	196	593	326	514	351	134
	317	Kessing, Charles Thomas.....	329	77	445	408	209	104	622	278
	170	Kessler, Lewis Hanford, Jr.....	612	711	83	89	60	252	660	1
	657	Kibbey, Joseph Henry, II.....	424	44	633	714	596	254	698	197
	682	Kiehl, William Austin.....	530	616	643	686	636	526	664	381
tb	*41	Kilbourn, Garland Rex, Jr.....	199	16	87	43	29	121	278	197
	*108	Kilroy, Henry Paul.....	551	264	167	77	74	138	276	9
	699	King, Robert Andrew.....	617	378	688	639	639	690	690	454
	321	King, Robert Marvin.....	662	689	316	444	271	171	96	716
	215	King, Thomas Robert.....	599	8	310	226	389	564	84	278
	433	Kingsberg, William James.....	199	264	522	417	656	555	87	381
	*15	Kinnear, James Wesley, 3d.....	261	55	26	124	38	49	4	197
	326	Kirk, John Miller.....	340	140	597	439	545	20	176	134
	598	Kittler, James Patrick.....	411	557	579	536	509	355	710	134
	*61	Kivlen, Alexander Law.....	650	330	99	47	12	102	295	538
tb	275	Klingensmith, Joseph Franklin.....	178	101	158	509	328	100	276	278
	642	Knapp, Budd Fredrick.....	590	378	711	448	559	709	492	728
	158	Knox, Edward Priest.....	234	210	190	262	101	203	162	538
	709	Knutson, Creighton Robert.....	568	616	671	645	677	681	722	381
	666	Kobey, Donald Shields.....	234	476	643	649	662	536	644	381
	245	Kolstad, Tom Irby.....	178	264	507	382	341	76	99	71
	464	Kost, John David, Jr.....	82	699	365	405	379	555	569	454
	*6	Krag, Robert Lee.....	277	140	2	28	50	3	50	278
	541	Kramer, Robert Paul.....	261	173	572	546	633	567	245	654
	607	Krantzman, Harry Morris.....	234	557	661	478	692	412	527	197
tb	251	Krill, William Barrett.....	674	427	308	249	251	162	315	1
	*36	Krohn, Stanley William.....	36	330	138	30	17	104	115	381
	154	Kuhlman, Donald Arthur.....	199	378	110	156	150	313	226	454
	664	Kyger, Charles Filmore.....	1	330	528	598	585	717	676	689
	110	Landes, Richard Jerome.....	143	173	173	102	276	35	116	278
	208	Lane, Bernard Bell.....	36	557	280	250	315	96	240	134

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in--							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
10	463	Laniado, Howard Isaac.....	641	669	576	587	545	116	42	728
	675	Lasell, Max Henry.....	123	330	719	496	704	619	680	454
	358	Lasley, William Ward.....	516	330	551	323	341	131	543	71
	428	Lassing, James Singleton.....	359	378	518	463	286	319	594	71
	<i>Inc.</i>	Lauder, Winston Rowland.....	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>	<i>Inc.</i>
	629	Leder, Frederick David.....	82	330	514	520	699	672	579	454
	499	LeDew, Thomas Albert.....	718	669	426	426	359	394	410	728
	*50	Lee, Byron Albert.....	261	140	65	88	53	57	187	134
	383	Lee, Robert McGonnell.....	636	689	379	476	194	533	199	71
	707	Lenhart, Charles Anthony.....	261	427	578	716	689	712	626	654
	450	Leslie, Myron Elmer.....	143	210	566	435	578	653	75	716
	573	Lesser, John David.....	411	476	501	436	330	730	423	605
	305	Lind, Donald Christian.....	411	476	208	321	132	583	492	454
	426	Lindley, Charles Brewer.....	712	378	358	331	375	401	511	197
	205	Lisanby, James Walker.....	403	378	51	239	231	586	215	197
	663	Little, James Grant.....	714	689	675	517	622	385	601	605
	329	Loar, Warren Nelson, III.....	261	210	256	397	316	466	340	278
	557	Lockwood, Harold Raymond.....	123	526	606	503	565	372	502	605
	618	Loetscher, Robert Leo.....	309	616	533	664	541	589	442	134
	443	Loftis, George Roland.....	178	378	348	276	448	506	706	654
	341	Long, Donald Charles.....	329	173	150	540	156	292	628	71
	373	Loomis, William Harwood.....	36	210	402	266	503	217	647	278
	555	Lyman, Jack Neilsen.....	677	476	429	280	364	706	717	454
	584	Lynch, Osmar Walter.....	178	655	638	637	523	217	462	278
	124	Lynn, James William.....	143	140	109	186	129	241	185	134
	346	Lyttle, James Drown.....	178	330	310	248	319	571	589	71
	*40	Macfarland, Willard Coldren.....	530	119	34	23	13	300	172	538
	326	Mackenzie, John Douglas.....	359	264	304	264	367	670	240	197
	211	Madera, Harry Paul.....	143	264	234	125	149	509	543	538
	530	Magee, Lawton Wood.....	481	119	526	499	634	692	117	689
1	266	Mahoney, George Cornelius.....	68	330	454	162	483	315	229	278
	388	Maire, Rex Edmond.....	560	711	457	309	285	254	531	22
	500	Malloy, John Edward.....	82	264	554	657	659	214	114	278
	*13	Manci, Orlando Joseph, Jr.....	118	1	15	57	65	48	40	134
	425	Mandeville, Robert Clark, Jr.....	377	25	228	612	444	355	395	381
	591	Marovich, Frank "S", Jr.....	488	140	685	591	482	622	394	71
	*92	Marsh, James Wesley.....	673	330	84	115	30	106	200	197
	481	Martin, Marvin David.....	261	330	537	410	592	325	469	454
	220	Martin, Richard William.....	510	210	170	146	304	394	384	197
	347	Martin, William Kinne.....	123	264	263	533	294	401	201	605
th	*11	Martinelli, Richard Alfred.....	705	476	23	5	21	12	13	538
	324	Masias, Daniel Abadia.....	641	378	593	444	431	570	2	538
	597	Mason, Philip John.....	437	427	545	521	701	276	605	278
	564	Mathews, John Hopper.....	568	722	514	618	152	605	611	134
	*100	Matson, Willis Arthur, II.....	1	101	277	177	202	56	21	278
	276	Maury, Edwin LaMar.....	359	55	259	141	300	669	396	654
	678	May, Gayle Lynwood.....	721	669	385	690	682	394	435	742
	283	Maynard, Frank Taylor.....	516	210	665	251	258	498	94	22
	280	Mayo, Daniel Kenneth.....	578	264	325	201	359	420	283	538
	582	McBroom, William Armand.....	662	689	166	672	551	492	372	71
	541	McClaran, Stephen Walter.....	516	378	674	440	547	211	640	134
	*66	McCoy, Ambrose Philip, Jr.....	234	526	32	26	64	164	351	197
	551	McCoy, Daniel Joseph.....	329	427	417	486	686	340	538	381
	721	McCraw, Frank Mabbett, Jr.....	650	669	724	720	695	646	625	71
	115	McCreedy, William White.....	560	210	70	99	50	321	379	71
	560	McCully, Alvin Charles.....	178	16	591	636	596	234	628	22

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
	200	McDowell, Hamilton Erwin, Jr.....	340	264	237	135	139	553	432	134
	357	McFall, Albert Dodge.....	340	378	449	438	488	351	97	454
	190	McGarrah, William Erwin, Jr.....	1	140	174	126	397	391	197	538
	117	McGlaughlin, Thomas Howard.....	377	378	218	129	90	166	120	134
	497	McGrath, Thomas Charles, Jr.....	123	427	365	529	558	245	531	728
	535	McLernan, Joseph Vincent.....	66	210	673	641	552	190	309	381
	478	McMahon, Paul Gregory.....	584	35	567	460	506	186	655	454
	173	McNabney, John Francis.....	1	55	220	188	264	390	147	454
	599	McNally, John Joseph.....	713	427	588	592	625	487	229	9
	199	Meek, Donald Bagnall.....	721	587	158	168	130	34	540	197
	*93	Mendel, Edward.....	234	35	96	60	158	292	189	654
	125	Mendes, Carlos Alberto Teixeira....	453	173	289	110	286	571	3	134
	279	Merino, Efrain Gualberto.....	530	264	646	245	525	616	1	454
	624	Meyer, Frank George.....	369	557	512	570	598	548	675	278
	485	Michie, George Douglas.....	1	173	337	617	609	399	283	538
	353	Miller, Donald Charles.....	453	16	106	401	420	576	482	454
	526	Miller, Richard Archibald.....	309	616	695	372	396	540	543	197
	290	Miller, Thomas Guy, Jr.....	530	557	435	487	377	36	68	654
	367	Miller, Thomas Stroup.....	82	378	365	447	407	150	450	278
	*84	Miller, William Anthony.....	143	140	27	223	143	26	132	197
	493	Mills, Beverly Theron.....	309	476	378	392	370	686	636	278
	*98	Minnis, Marion Lee, Jr.....	466	101	228	59	220	41	130	454
	585	Moberly, Richard Oldham, Jr.....	340	427	382	604	670	249	557	538
	455	Moeller, Robert Henry, Jr.....	481	378	383	316	302	668	670	454
1	270	Moffat, Samuel Johnston.....	68	378	212	335	242	116	504	454
1	*76	Moll, Kendall Dean.....	170	77	148	133	33	141	148	197
	*1	Monroe, Robert Rawson.....	36	140	3	8	2	9	17	71
	244	Moore, George Donald, Jr.....	178	20	215	318	536	148	203	134
	238	Moore, Thomas Lawrence.....	82	378	211	322	174	457	264	381
	651	Morgan, Warren Lee, Jr.....	623	476	696	693	630	309	344	538
	*74	Morin, Gene Douglas.....	82	378	37	68	102	74	305	454
	482	Morris, James Allen.....	68	476	345	537	311	679	453	278
	196	Morrissey, John Noel.....	359	476	126	219	353	106	162	605
	555	Moxley, Frank Harold, Jr.....	309	264	459	563	422	695	400	654
	331	Muck, Floyd Robert.....	36	173	437	293	404	517	303	381
	662	Mulford, Ross Leonard.....	234	476	688	667	620	522	575	134
	413	Mull, Charles Leroy, II.....	403	427	533	182	518	581	411	728
	212	Muller, Leonard Arthur.....	290	264	351	178	162	153	594	134
	391	Mulligan, Thomas Joseph, Jr.....	25	210	327	419	351	362	636	71
	239	Mullin, Norman King.....	466	476	365	387	539	82	5	197
	472	Munroe, Kenneth Harris.....	488	587	337	355	493	487	575	654
	490	Munson, Floyd Nestor.....	377	264	497	532	332	475	606	381
	533	Murdock, Robert Harry.....	466	264	585	558	472	424	496	71
	568	Murphy, Garrison Edmund.....	377	616	590	669	451	334	367	22
	477	Murphy, George James.....	544	330	265	455	557	379	607	278
	260	Murphy, John Andrew.....	82	264	304	399	391	230	113	134
	695	Murphy, Robert James, Jr.....	309	140	658	679	675	659	712	538
	711	Muth, Robert Walker.....	639	264	722	709	711	703	401	381
	177	Myer, George William.....	234	119	186	211	206	300	243	278
	417	Nall, Delbert Lloyd.....	25	264	321	458	494	351	488	197
	447	Neander, Stanley Brown.....	466	264	384	420	563	353	361	716
	195	Nelson, George Gordon.....	488	378	66	120	67	466	688	538
	*53	Neustel, Arthur Donald.....	170	173	10	16	24	407	460	381
	*23	Niesse, John Edgar.....	369	526	21	10	16	81	107	689
	712	Ninnis, Robert Vivian.....	340	476	712	659	720	664	694	689
	612	Nix, Henry Jude.....	447	669	619	613	462	443	520	689

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Relative standing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
	114	Noble, James Kendrick, Jr.-----	123	557	283	144	81	29	182	197
	320	Noble, Thomas Iglehart-----	650	669	324	171	130	605	617	71
	265	Nolan, John Edward, Jr.-----	680	140	220	404	257	66	314	71
	522	Noonan, John MacNeal-----	687	587	481	522	426	404	451	22
	330	Oberholtzer, James Paul-----	568	476	152	391	241	389	379	605
	*104	O'Connor, Francis Edward, Jr.----	516	557	42	95	107	59	260	278
	378	Oliver, Robert Patton-----	612	210	443	295	415	601	306	22
	432	Oliver, Robert Warren-----	632	35	387	376	418	562	569	197
	608	Olson, Stanley Howard-----	178	476	580	606	515	457	640	454
	*55	Oltermann, John James-----	143	476	84	25	90	207	100	454
	691	O'Malley, John Francis-----	578	705	619	656	653	598	693	381
	466	O'Neill, Thomas Francis, Jr.-----	178	210	394	547	468	306	559	278
	217	O'Reilly, James Patrick, Jr.-----	516	378	207	199	258	182	340	538
	536	Orem, Charles Annistone-----	123	427	630	433	550	593	377	728
	120	Ostroff, Edward Norman-----	551	210	46	154	55	110	510	22
	234	Palmerton, Leighton Robert-----	309	330	205	160	332	211	462	381
	418	Parmer, John Raymond-----	599	655	433	488	216	304	419	278
	*17	Parode, Harlan Duane-----	68	8	5	78	55	21	104	454
	*46	Patterson, George Warren, III-----	309	210	90	54	94	199	23	381
	553	Pausner, Joseph Jay, Jr.-----	68	557	399	481	476	496	706	654
	*43	Perry, Frank Marshall, Jr.-----	510	101	54	62	105	17	86	454
	109	Perry, Riddell Thompson-----	599	427	107	73	90	80	222	742
tb	540	Peterson, Cedric Arthur, Jr.-----	1	427	480	614	703	268	281	134
	496	Peterson, Thomas Alexander-----	677	655	530	350	341	591	551	71
	673	Pettit, Royce Edgar, Jr.-----	178	526	662	653	700	481	658	22
	583	Petty, William Gordon-----	699	655	628	548	463	637	211	134
	112	Pfeiffer, King Woodward-----	261	330	194	173	69	191	102	9
	*41	Phelps, Pharo Alfred, Jr.-----	568	427	13	37	43	142	144	22
	703	Pine, Emanuel Francis-----	234	689	707	703	594	699	488	728
	487	Pleasants, Arthur Lee, III-----	68	264	486	705	278	620	162	71
	690	Pleasants, John Bagby-----	411	476	669	675	674	702	556	454
	323	Portnoy, Howard Robert-----	725	655	451	267	395	51	181	605
	*86	Potter, Norman Stanley-----	447	655	536	3	63	282	88	381
	127	Powel, Samuel Franklin, III-----	277	669	104	191	145	83	90	454
	476	Powell, James Richard, Jr.-----	657	669	467	351	598	226	422	22
	*32	Pravitz, William Harold-----	68	101	30	1	42	157	423	381
	322	Prescott, Richard James-----	544	557	236	319	168	483	548	197
	258	Preston, Samuel Davis, Jr.-----	82	101	316	257	289	276	442	454
	223	Pride, Alfred Morine-----	702	639	298	163	244	200	160	278
tb	631	Prince, Gordon Agassiz-----	424	722	568	585	712	282	429	22
	478	Pullar, Andrew, Jr.-----	82	25	250	644	646	485	235	538
	720	Purvis, Elvis Enoch-----	564	557	685	718	642	714	714	605
	331	Raab, Frank Henry-----	369	616	392	420	269	116	319	654
	570	Racy, Louis Peter-----	599	476	541	623	399	613	362	197
	503	Radeliffe, Roderick Thomas-----	1	330	599	513	702	182	233	605
	523	Rakowsky, Rudolph-----	516	264	467	600	560	487	209	538
	389	Rallis, Chris George-----	466	669	310	233	529	626	180	716
	404	Ransom, Louis Tobin, Jr.-----	290	264	330	567	352	359	260	654
	141	Rasmussen, Gerald Lee-----	437	140	204	185	281	157	59	71
	*62	Rasmussen, James Peter, Jr.-----	377	119	52	98	48	241	145	71
	*549	Rassieur, William Theodore, Jr.-----	437	669	553	578	505	555	233	278
6	726	Rath, Otto Campbell-----	234	639	716	726	635	617	728	134
	*102	Reagan, John Henninger-----	377	427	156	21	121	362	191	381
	*89	Reed, Sherman Clark-----	1	119	135	82	135	31	350	278
	566	Rees, Grover Joseph, Jr.-----	584	639	641	465	591	509	246	689
	227	Regenauer, Bernard John-----	541	587	141	237	274	194	290	454

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
2	113	Register, Albert Layton, III.....	290	101	147	192	197	146	30	381
	*67	Reichl, Charles John.....	411	77	40	75	34	127	346	538
	253	Reid, John Edward.....	178	173	265	194	255	206	655	381
	636	Reisch, Lawrence William, Jr.....	516	587	660	516	632	588	519	689
	301	Reitz, William Gilmore.....	82	25	473	230	459	321	455	134
	*95	Ricci, William John.....	488	711	114	80	109	85	57	605
	718	Richardson, Mortimer Jules.....	488	616	701	677	654	726	711	742
	392	Ridderhof, David Melvin.....	466	173	457	529	264	401	324	22
	415	Riddle, William Morris.....	530	378	478	425	400	209	527	22
	253	Ringhausen, Robert Leo.....	340	264	215	306	562	30	240	197
	303	Ritchie, George Patterson, Jr.....	82	264	469	181	271	609	356	689
	396	Rixey, Presley Morehead.....	234	264	341	286	504	329	642	381
	706	Robbins, Donald Kenneth.....	731	728	597	554	642	630	666	454
	509	Robertson, Charles Glasgow, Jr.....	123	101	463	511	270	695	664	197
	649	Robinson, James Allen.....	143	77	600	698	668	673	318	605
	209	Robinson, Thomas William, Jr.....	309	616	301	137	232	388	274	71
	374	Rockey, William Keller.....	665	44	618	420	247	349	324	197
	164	Rogers, John Thaddeus.....	309	557	353	85	203	432	119	197
	198	Rogers, Nelson Kimball.....	82	210	180	336	229	40	375	381
	*51	Rogers, Thomas Stevenson, Jr.....	466	101	96	134	147	55	9	9
	*39	Rollins, Wells Proctor.....	359	378	102	45	7	272	91	278
	*49	Ross, Thomas Hugh.....	82	264	19	107	120	28	129	134
	366	Roth, Franklin Herold.....	453	77	549	381	473	123	348	605
	296	Rowe, Bruce Winden.....	488	264	277	360	368	135	297	654
	424	Royal, Lee Ray.....	36	378	152	527	440	279	657	22
	442	Ruble, Bryon Crabbe.....	170	77	437	239	349	582	727	454
	494	Rule, Adrian Ogle, III.....	510	639	487	301	314	597	718	71
	603	Ruos, George Vandenburg, Jr.....	143	330	585	650	569	574	398	278
	722	Ryan, Andrew Kemper, Jr.....	411	210	718	725	728	596	610	728
	269	Ryan, John James, Jr.....	488	476	189	206	35	384	692	22
	617	Ryan, Philip Joseph.....	290	7	602	629	519	666	684	605
	694	Sailor, Chester Lyall.....	691	264	696	608	646	723	529	197
	537	Saltsman, Thomas Haley.....	290	264	583	568	230	658	617	278
	*99	Satre, Robert Scott.....	1	119	61	172	182	32	158	381
	613	Satterlee, Richard Westlake.....	377	210	609	702	446	603	369	381
	443	Sattler, Donald Charles.....	234	210	332	510	443	494	442	381
	586	Saunders, Donald Burdette.....	1	210	699	481	717	708	79	278
	*71	Saunders, Joedan Judd.....	82	44	142	14	100	329	330	381
	*65	Sax, Joe.....	340	173	33	83	103	133	120	381
6	287	Schenker, Marvin Leonard.....	516	476	330	209	236	404	426	538
	539	Schettino, Joseph Nicholas.....	277	210	514	444	619	501	554	654
	589	Schlappi, Marvin Victor, Jr.....	199	711	702	572	694	173	165	278
	150	Schneider, Robert Philip.....	437	55	179	102	70	472	446	381
	576	Schultz, Jesse Zephaniah.....	178	264	477	541	571	674	454	197
	558	Schultz, Milton John, Jr.....	143	44	624	662	681	100	343	538
	423	Schwefel, William George.....	628	587	359	523	425	196	258	454
	243	Schwind, William Steuer.....	665	427	220	242	208	275	326	134
	640	Scribner, Henry Irving, Jr.....	568	669	628	501	607	677	429	605
	*22	Seeley, George Hill.....	551	330	27	2	23	207	54	716
	571	Seipp, Russell Martin.....	453	264	537	300	514	698	702	654
	230	Sellar, Charles Burt Paul.....	36	378	172	312	144	553	311	278
	229	Shannon, Rickard William.....	628	210	261	277	198	173	294	454
	525	Sharp, Tilghman Hollyday, Jr.....	82	330	247	674	481	221	587	689
	151	Sharpe, William King.....	36	587	96	136	58	345	407	454
	*20	Shartel, Austin.....	178	25	36	63	125	47	6	381
	268	Sheridan, Richard Brinsley.....	481	427	421	347	246	133	262	22

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Relative stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
	289	Sherman, Thomas Hanson, Jr.	36	140	327	307	441	306	270	538
	368	Shero, Ronald David	699	264	456	287	159	624	434	278
	133	Shick, George Barton, Jr.	1	44	126	218	312	74	108	538
	660	Shultz, Robert Treat	199	526	708	651	718	315	387	538
	172	Sieg, John Simpson	309	427	197	282	126	125	255	134
	385	Siegmeister, Robert	674	669	359	454	374	355	145	22
	619	Simons, William Edward	681	699	653	563	476	270	636	278
	196	Sinlao, Federico Paragas	481	210	615	165	213	52	67	605
	626	Sivright, John Avery	670	330	473	682	676	438	272	605
	338	Skelton, Homer Ray	25	16	289	416	322	404	597	134
	554	Skien, John Defoe	424	476	500	466	437	665	507	728
	*12	Skinner, Clifford Admiral, Jr.	82	264	8	58	8	70	43	134
	475	Smith, Edgar Mitchell, Jr.	82	210	518	406	295	663	643	538
	156	Smith, Edward Lyman	544	210	220	205	195	152	97	134
	*16	Smith, Floyd Ames	329	25	18	34	1	217	244	71
tb	623	Smith, George Callaway, Jr.	650	726	435	597	471	492	652	197
	314	Smith, Leon Wayne	340	3	242	308	186	399	725	134
	399	Smith, Philip Wright	68	173	412	325	378	631	475	381
	355	Smith, Richard Melville	453	427	292	430	337	346	357	71
	458	Smith, Robert Elbridge	560	689	392	462	119	644	623	381
	451	Smith, Robert Eugene	488	264	505	588	540	138	172	605
	*37	Smith, Robert Gillon	403	55	152	46	35	132	48	538
	474	Smith, Robert McLanahan, Jr.	178	427	507	470	381	583	419	605
	*73	Smoot, William Norris	687	655	170	18	9	432	112	197
	575	Snyder, Collins	227	378	569	609	507	304	649	22
	111	Snyder, John Charles	82	210	167	94	75	362	176	197
	*31	Snyder, Roy Dietrich, Jr.	411	173	89	40	19	260	50	197
	257	Snyder, Richard Edmund	199	526	246	327	327	353	92	728
	488	Solomon, Jerome Edward, Jr.	309	669	439	489	566	379	369	22
	468	Somogyie, Roy Stephen	340	330	421	403	531	460	585	71
	462	Soteropulos, Paul Stephen	234	210	404	572	576	211	374	22
	*54	Space, David Jewell	82	526	119	66	62	200	52	134
	461	Spayde, Keith Crawford, Jr.	481	427	478	472	617	426	125	689
	426	Speaker, Edwin Ellis	466	140	427	251	328	531	110	197
	264	Spiller, John Herman, Jr.	1	44	524	329	421	526	667	381
	*64	Spradling, Wilbur Rodney, Jr.	234	210	105	118	115	54	40	538
	507	Springer, Roy Marinor, Jr.	123	264	401	652	431	367	481	197
	277	Sproull, Howard Ellway, Jr.	123	264	348	213	297	447	414	278
	147	Stange, LaVerne Gerhard	82	77	150	170	160	148	336	381
	*3	Stapp, Aron Lawrence	82	3	14	24	6	6	14	278
	*91	Stella, Edward Cataldo	36	669	45	161	154	45	67	381
	123	Sterner, Francis Joseph	178	378	74	401	187	52	19	22
	*82	Stetson, John Boydston	648	330	61	50	124	159	148	278
	728	Stewart, William Bullock, Jr.	510	669	726	719	725	728	447	538
	260	Still, Richard Lee	143	427	507	378	500	23	81	278
	724	Stimler, Richard Paul	584	655	682	724	683	676	720	197
	680	Stinson, John Goddard	530	119	664	600	641	722	601	454
1	318	Stith, Robert Jesse	66	77	351	369	487	460	170	278
	466	Stone, Bruce Goodwin	36	77	364	386	488	421	708	728
	225	Stone, Douglas Dacre, Jr.	123	711	237	253	188	241	229	381
	449	Stull, Donald	36	587	269	574	459	253	432	278
	207	Sullivan, Dennis Bernard	453	427	80	305	98	256	506	278
	416	Suraci, Anthony Frank	687	655	396	314	442	464	224	654
	596	Taylor, Daniel David	584	330	591	571	666	260	483	278
	696	Taylor, Francis Clephen	650	427	715	648	606	652	668	197
	396	Taylor, Richard Elward	82	330	596	247	714	509	62	454

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
tb	342	Taylor, William Blakely.....	691	669	405	184	401	593	124	605
	157	Taylor, William Stuart.....	1	77	130	219	37	140	683	381
	702	Terrell, Fred Worrell, Jr.....	178	330	688	695	698	662	670	454
	*97	Thom, Norman Richard	369	427	165	52	116	187	155	538
	532	Thompson, Theodore Orville.....	437	210	174	691	519	249	582	278
	254	Thompson, William Bristol, Jr.....	340	210	269	320	207	256	398	197
	638	Thro, Clinton John, Jr.....	309	526	539	609	679	513	483	728
	364	Thurston, Dick Wright.....	447	378	473	202	416	371	582	278
	316	Tobin, David LeRoy.....	530	173	421	363	391	334	152	381
	715	Todd, James Alvin.....	612	378	619	723	661	628	716	22
	723	Tonkin, Norman Mande.....	693	427	683	680	722	692	724	22
	719	Totri, John Michael, Jr.....	359	711	728	683	693	648	628	716
	616	Treado, Marshall John.....	605	264	700	619	602	162	575	71
	578	Trevillyan, Jacques Farus.....	36	101	651	604	657	226	504	134
	274	Tripp, Daryle Elwyn.....	82	264	445	457	454	92	80	1
	140	Trotter, Robert Joseph.....	681	616	265	6	123	394	407	9
	541	Van, George Edward.....	453	669	616	493	574	336	364	134
	632	Vander Vennet, Kenneth Roger....	650	526	525	625	587	346	588	742
	312	Van Kleeck, Justin Laing.....	1	20	408	258	357	621	421	134
	593	Vincent, Hal Wellman.....	466	427	415	432	685	633	628	22
	438	Vines, Thomas Edward.....	648	557	387	315	535	627	198	197
2	551	Vining, Adrian DeWitt.....	729	731	355	277	354	438	701	381
	717	Vosseller, James Byrne.....	488	476	679	721	721	671	661	71
	215	Vytlačil, Nicholas, Jr.....	709	655	47	255	141	311	295	197
	*48	Wagner, Walter Richard	516	119	49	42	44	108	258	381
	312	Walecka, Norbert Joseph.....	36	140	490	301	281	127	619	538
	504	Walker, David Andrew.....	516	711	505	423	428	435	550	22
	677	Walker, Robert Williams.....	290	427	630	646	655	644	682	381
	116	Waller, Alexander Ernest, Jr.....	290	119	6	340	47	96	355	134
	298	Walsh, Harold Vincent, Jr.....	36	378	279	352	410	251	285	381
	653	Walsh, John Edward, Jr.....	644	557	585	660	697	221	514	654
	541	Watson, Edward Robert.....	25	264	507	330	626	603	697	197
	604	Webb, Davis Long.....	657	616	530	493	475	525	689	454
	420	Webb, Richard Christopher, III....	466	655	541	396	268	288	502	134
	430	Weedlun, Russell Duane.....	309	476	489	400	366	386	488	454
	*74	Welsh, Richard Warren	377	378	72	38	45	359	224	605
	578	Weymouth, Burton Richard.....	234	140	546	635	331	718	391	454
	514	Whaley, William Semmes.....	82	639	466	624	409	300	436	454
	*9	Whipple, Caryl Robbins	36	55	9	13	87	17	82	278
	*83	White, Adam Clarke	234	119	208	104	112	126	73	454
	249	White, Alexander Jacob, Jr.....	123	427	226	338	232	377	185	454
	454	White, Allie Bryce, Jr.....	1	140	424	471	422	544	559	278
tb	310	White, Robert James.....	123	173	464	581	467	113	33	134
	638	Whitehead, Richard Thomas.....	68	210	687	478	713	613	563	454
	580	Whitelaw, Robert.....	1	330	406	580	605	460	563	742
	658	Whitesell, Robert Dougherty.....	36	173	648	717	669	161	612	278
b 17	285	Whitley, Walter Jenkins.....	68	77	558	293	401	226	205	605
	687	Whittle, William Brooks.....	359	140	593	697	715	719	389	454
	131	Wilkins, James Rudyard, Jr.....	605	557	77	72	245	127	238	381
	693	Willard, Daniel David Milne.....	672	587	546	701	553	689	647	454
b	648	Williams, Isham Rowland, Jr.....	123	210	654	588	710	615	573	71
	704	Wills, James Washington, Jr.....	68	173	681	673	680	677	723	538
	600	Wilson, James Irwin.....	516	378	656	687	567	501	582	654
	705	Wilson, Keith Charles.....	617	427	706	699	715	522	552	716
	185	Wilson, William Wellington.....	516	639	158	143	79	540	334	22
	235	Wise, Robert Emanuel.....	728	476	271	148	177	166	377	197

Relative standing of the midshipmen of the present second class (class of 1950), for the second year of their academic course, 731 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—							
			Con- duct	Apti- tude	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.	Hy- giene
1	293	Wiseman, Richard Ferd.....	636	639	273	224	133	446	525	381
	*45	Wisenbaker, Eugene Morgan.....	36	35	100	109	89	66	54	22
	*60	Wood, Peter Wright.....	277	140	112	113	95	111	33	538
	495	Woodman, Gordon Paul.....	681	210	582	311	581	567	404	71
	435	Wooldrige, Edmund Tyler, Jr....	681	427	481	292	588	438	220	278
	511	Wright, Arthur Raymond.....	687	711	396	346	438	203	714	71
	647	Wright, William Brissey.....	466	264	605	586	646	707	429	605
	221	Wulfange, William Herbert.....	453	210	255	256	193	410	238	278
	384	Wunch, Edward Robert Philip....	488	705	375	254	200	640	475	454
	403	Wunderlich, Robert.....	199	639	302	514	410	137	436	134
	186	Young, Casanave Howle, Jr.....	605	526	148	180	237	169	161	538
	213	Young, Frank Levi.....	568	639	217	130	142	441	379	278
	179	Young, Joseph Mack, Jr.....	340	378	158	203	211	329	152	454
	659	Young, Stephen Cassin.....	277	427	646	609	575	569	719	71
	*44	Zetkov, George Anthony.....	68	35	87	64	140	76	64	197

PRESENT THIRD CLASS

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
tb	349	Adams, Henry Hayes, Jr.....	673	142	487	427	314	258
	585	Adams, Robert Lee, Jr.....	607	661	397	674	604	485
	227	Adler, Robert Earl.....	97	490	152	157	299	519
	*50	Alexander, Henry Kleeb, Jr.....	528	43	56	20	482	232
	434	Allen, John Edwin.....	607	409	264	448	566	565
	213	Allender, Gene Taylor.....	169	482	143	150	308	474
	344	Allsman, Robert Lynn.....	1	157	391	404	488	474
	799	Alvis, John Gilliard.....	638	537	738	813	795	810
	762	Andersen, Haakon Roy.....	483	779	803	515	224	634
	360	Anderson, Norris Oscar, Jr.....	268	380	332	448	458	314
	410	Anderson, Stanley Joseph.....	239	335	357	298	539	645
	758	Anderton, Richard Leo.....	795	647	645	605	744	780
	546	Applegarth, Samuel Hubert, Jr.....	1	533	614	544	709	340
	*112	Ardell, George Graham.....	97	89	125	253	218	182
tb	*30	Armstrong, John Ellis.....	398	53	21	29	134	222
	602	Arn, Robert Warren.....	564	517	509	635	667	606
	*78	Arnold, Henry Charles, Jr.....	185	103	127	19	197	351
	320	Arst, Philip Lawrence.....	790	460	208	70	654	449
	286	Aston, William Joseph.....	97	228	333	402	22	638
	123	Austin, William Milnes, Jr.....	398	59	120	154	147	439
	615	Avila, Miguel Enrique.....	660	320	483	753	806	343
	720	Bacon, James Alton.....	169	622	634	761	698	710
	224	Bailey, Harvey Thomas.....	1	320	250	187	154	537
	493	Baird, Weldon Ralph.....	528	649	502	244	434	591
	317	Baker, James Ellis, Jr.....	465	649	328	651	80	18
	219	Bakke, Harlan James.....	607	244	409	72	116	425
	487	Balderston, Francis Gene.....	74	145	488	349	792	710
	742	Baldwin, Robert Arthur.....	607	668	575	715	662	799
14	706	Ballou, Charles Davison.....	528	551	733	750	247	627
	594	Baltz, Dickey Lee.....	97	557	607	694	235	604
	790	Bangsberg, Howard Vey.....	164	749	816	814	30	488
	470	Banks, William Oakley.....	483	470	427	541	213	571
	684	Bannerman, David Vance.....	528	530	689	644	685	595
	374	Banta, William.....	185	420	454	253	322	507
	392	Baranoff, Melvin Sidney.....	721	769	262	196	509	237
	725	Barbazette, William Francis.....	185	479	770	762	397	648
	324	Barnes, Clifford Paul.....	97	467	293	459	274	317
	480	Barnes, James Peter.....	520	751	448	508	458	129
	497	Barney, Glenn Palmer.....	185	346	480	477	585	642
	643	Bartenfeld, Thomas Augustus, Jr.....	398	571	712	515	574	556
	512	Bartholomew, John Lewis.....	738	357	548	644	445	228
	734	Bartuska, Anthony John.....	420	750	736	746	554	515
1	322	Barunas, George Aloysius, Jr.....	528	682	306	219	238	265
	391	Bassett, Govert Looeckerman.....	684	61	399	338	266	760
	296	Batchelder, Merton Jennings, Jr.....	97	290	265	323	667	385
	379	Bauer, Edward Clark.....	97	159	629	353	280	369
	158	Baulch, Henry Leigh.....	1	200	347	136	295	119

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
tb	440	Baurichter, Ralph Russell.....	323	551	475	318	449	433
	228	Baxter, Robert Charles.....	660	72	199	332	574	292
	202	Beasley, James Wiley.....	1	350	254	32	591	476
	716	Beattie, Thomas Tyler, Jr.....	759	769	651	591	545	544
	456	Beck, Donald Miller.....	97	513	378	437	589	547
	197	Beck, Stuart Morgan.....	268	580	158	375	218	60
	616	Becker, John Irving.....	97	388	617	763	418	591
	343	Belk, Reece Griffin, Jr.....	97	598	494	204	331	244
	583	Bell, William John.....	759	434	385	636	479	693
	500	Benjovsky, Victor Cokayne.....	185	426	551	565	620	348
	355	Berga, John Orrin.....	420	367	458	208	256	542
	448	Bergesen, Andrew John.....	790	440	371	553	581	116
	747	Berrier, John Theodore.....	800	665	540	634	770	770
	755	Berry, George Hand, Jr.....	597	789	784	588	626	463
	296	Berzon, Samuel Phillip.....	398	630	124	462	495	217
	299	Bibby, Lowe Haydn, III.....	764	265	184	332	138	569
	629	Biddle, Everett Dale, Jr.....	344	626	646	726	252	499
	173	Biederman, Richard Joseph.....	239	221	207	134	280	334
	474	Billingslea, Clement Dixon.....	673	580	488	489	231	365
	505	Bills, Robert Gorwood.....	721	126	481	475	709	627
	766	Birch, Paul Russell.....	465	766	705	737	807	482
	502	Biron, Joseph Edward.....	543	281	350	452	637	751
	781	Bivenour, Charles Arthur, Jr.....	420	509	764	787	754	794
	541	Black, Donald Leo.....	268	735	580	244	224	682
	269	Blackwell, William Dinsmore.....	97	153	163	468	471	532
	172	Boakes, William Howard.....	239	79	91	211	747	389
	151	Bobbitt, Charles Patrick, Jr.....	239	177	180	377	110	105
	549	Bobo, Stephen Norton, Jr.....	745	206	554	570	685	507
625	Bolt, Leland Emet.....	268	544	632	520	712	627	
627	Bovay, Norman James.....	709	301	568	753	436	596	
422	Bowden, Jackson Huffman.....	773	327	313	504	574	270	
331	Bowen, Albert Sidney, III.....	185	202	404	388	218	494	
272	Bowen, Jack Winnree.....	420	118	345	367	175	488	
tb	*66	Bowling, William Harrison.....	268	101	100	142	92	104
	611	Boyce, Thomas Arthur.....	454	776	682	464	257	387
	279	Boyes, William Walter, Jr.....	745	145	126	381	566	502
	683	Bradley, Robert Reid.....	97	782	679	638	736	265
	390	Brady, Allen Colby.....	577	474	498	293	410	295
	461	Brame, Horace Lane.....	239	357	336	274	809	603
	232	Branch, Alvin Deon.....	577	259	42	432	616	420
	125	Bray, Joseph Alfred, Jr.....	715	378	33	99	266	281
	616	Breen, Matthew Joseph.....	731	701	363	580	637	620
	315	Bregman, Robert Bruce.....	564	316	423	434	238	172
	122	Brenkle, Joseph Phillip.....	597	41	173	56	402	341
	808	Brennan, John Bernard, III.....	775	728	794	797	812	725
	161	Bres, John Henry.....	698	440	217	304	22	35
	*101	Brettschneider, Carl August.....	323	316	103	127	274	65
	203	Brewer, Donald Atwood.....	97	405	244	85	566	312
	570	Brewer, Glenn Milton.....	698	25	578	568	633	797
	271	Brodie, Robert, III.....	185	83	245	404	564	504
	252	Brown, Gerald Allen.....	543	136	225	392	257	430
	362	Brown, Jack Darwin.....	750	350	49	235	766	751
	356	Brown, James Richard.....	607	579	388	370	127	232
	643	Bruch, Herbert Waldemar.....	1	470	541	684	692	734
	744	Brumfiel, Robert Thomas.....	1	567	791	778	286	666
	195	Buck, John Addison.....	268	236	276	466	167	60
	656	Buck, Robert Eugene.....	398	685	647	693	410	472

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	*53	Buckstaff, Sinclair.....	483	174	84	34	200	79
	273	Burke, Sidney Pat.....	398	363	344	229	414	303
	*55	Burkhalter, Edward Allen, Jr.....	185	388	60	89	16	110
	601	Burley, Newton Samuel.....	323	252	538	434	726	807
	712	Burnett, James Andrew.....	623	746	742	778	376	193
	687	Burns, Thomas Stephen.....	779	697	722	649	52	524
	186	Busse, Norman Westphal.....	660	533	146	260	186	84
	392	Butts, John Lewis.....	1	679	533	474	25	232
	*103	Buzzell, Carlisle Willis, Jr.....	543	184	87	64	609	139
	653	Byrne, Paul Sheldon, Jr.....	398	586	612	674	449	662
	450	Callahan, Earle Raymond.....	783	129	383	477	354	633
	*90	Campbell, William Edward, Jr.....	623	56	9	99	471	537
tb	361	Capshaw, Leigh Richmond.....	97	357	290	425	525	460
	*39	Carius, Robert Wilhelm.....	344	62	105	17	289	92
b	189	Carlson, Erland Norman, Jr.....	638	753	96	97	378	87
	743	Carnes, Thomas Steve, III.....	1	439	765	737	688	764
	*52	Carr, John Benjamin, Jr.....	97	138	27	92	82	303
	*107	Carson, Theodore Kit.....	317	346	92	41	138	354
	408	Carter, Edward Walter, III.....	543	785	346	267	194	240
	315	Carter, Robert Barnhill.....	185	656	351	481	503	14
	424	Casale, Salvatore Arthur.....	239	216	400	622	471	417
	668	Cashman, Patrick Joseph, Jr.....	398	729	663	684	488	420
	678	Catalano, Lee Charles.....	185	583	657	550	733	705
	373	Cauffman, Charles Edward.....	465 ⁵	182	484	352	331	482
	698	Chapman, Cecil Dee.....	239	574	630	662	560	782
	636	Chapman, Darrell Scott.....	344	479	558	665	376	761
	736	Charles, William Olwyn.....	483	704	670	504	756	795
	290	Cherry, Robert Carter.....	185	475	496	515	147	26
	522	Chertavian, Armen.....	607	711	569	329	434	354
	139	Childs, Richard Virgil.....	344	159	453	48	113	123
	141	Christner, Wallace Gilbert.....	268	530	52	164	295	222
	164	Christoforo, William Guy.....	660	118	267	72	319	298
	331	Church, Archer Edward, Jr.....	705	103	167	351	266	772
	257	Ciamprone, Vincent Pancrazio.....	638	164	336	262	344	305
	*82	Clark, Edward Paul.....	239	8	106	253	334	172
	365	Clausner, Edward, Jr.....	420	225	375	452	252	499
	190	Cochrane, John Campbell, Jr.....	344	309	212	169	124	365
	*120	Cole, Donald Conklin.....	74	395	223	59	48	191
	223	Cole, Donald King.....	185	195	98	448	716	252
b	624	Coleman, John William.....	792	674	558	608	360	352
	*34	Coleman, Robert Irvine, Jr.....	1	71	31	175	116	75
	*20	Compton, Bryan Whitfield, Jr.....	97	74	15	4	274	211
	415	Conlin, Thomas Patrick.....	268	507	485	621	9	375
	386	Conlon, Frank Stevenson.....	185	212	602	412	213	369
	216	Connor, Gerald "B".....	520	177	230	173	402	435
	751	Cooper, James Henry.....	268	690	771	673	464	723
	727	Cooper, John Watson.....	185	192	765	796	495	734
	311	Cooper, Thomas Lee.....	795	247	716	295	5	28
	709	Corderman, Allan Benjamin.....	638	72	781	750	681	618
	129	Cornwell, Robert Ryle.....	465	265	79	17	630	430
	324	Corrigan, Joseph Patrick, III.....	398	660	273	162	426	369
	170	Corwen, Albert Simon.....	420	598	170	123	74	187
	265	Courtright, Carl.....	483	145	297	410	427	287
	614	Cowan, Thomas Shephard, Jr.....	528	760	648	490	360	425
	718	Crandall, Hal Russell.....	1	249	755	656	722	788
	777	Craven, William Patrick.....	638	443	721	785	742	805
	166	Crawford, Richard Newcomb.....	799	460	137	46	113	184

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	704	Crews, Alvan Macauley.....	721	628	515	646	688	758
	741	Cromwell, John Philip, Jr.....	721	590	705	709	574	742
	303	Crowder, James Price, Jr.....	1	303	266	359	775	239
	773	Cruise, Joe Nelson.....	649	797	731	801	557	494
	*67	Cullen, Gerald Thomas.....	660	79	52	52	464	118
	452	Cullins, Peter Kendall.....	812	649	186	304	111	564
	581	Cunningham, Melville Dexter.....	1	221	718	668	531	485
	516	Cunningham, Richard Burton.....	649	640	203	456	792	528
	671	Currie, Edgar Irving.....	420	737	437	682	667	695
	603	Dailey, Joseph Edward.....	800	654	592	399	187	588
	591	Dalla Mura, Richard.....	454	590	707	486	549	367
	*62	Daniels, William Stanbert.....	164	28	77	150	209	200
	404	Danis, Anthony Leo, Jr.....	623	263	436	459	238	469
	155	Danner, William Porter.....	239	6	209	247	402	420
	754	Davies, William Ronald.....	759	372	730	642	730	799
	630	Davison, David Dunham.....	420	529	570	793	334	505
	608	Dawson, William Allen.....	185	596	782	713	143	125
	435	Dean, Richard Whittingham.....	185	339	279	392	800	507
	600	Degnan, Francis Joseph.....	97	454	741	766	129	317
	*18	DeGroot, Ward Walton, III.....	97	21	76	11	147	86
	592	Derby, George Kidder.....	317	524	637	588	280	659
	472	Desrosiers, Roland Joseph.....	465	636	694	626	503	2
tb	137	Dewing, Jay Norman.....	1	140	110	47	566	532
	404	Diers, Charles Edward.....	185	242	390	215	794	575
	445	Dietrich, Henry Thornton, Jr.....	268	566	355	662	531	167
	661	Dinegar, Wilbur Ward.....	420	688	758	533	89	585
	636	Dion, Paul Louis.....	185	524	709	679	801	153
	350	Dittmar, Louis Clinton.....	97	249	448	247	549	485
	302	Dobbins, John Byrne, Jr.....	770	513	250	211	322	308
	*113	Doering, Eugene Richard.....	97	89	118	258	371	139
	336	Doggett, Burton Lee, Jr.....	731	331	104	486	389	524
	165	Donabedian, Haig.....	344	467	177	119	187	196
	670	Donovan, Richard Edwin.....	785	761	707	689	209	126
	658	Drake, Walter Millard, Jr.....	420	683	625	669	574	494
	368	Drew, Roger Leslie.....	268	67	508	363	374	585
	484	Duke, Charles Bauer, Jr.....	483	331	571	246	339	731
	203	Duke, Marvin Leonard.....	649	537	163	199	84	265
	465	Duncan, William Bryan.....	1	485	459	448	697	425
	408	Dungan, John David.....	169	312	624	338	560	219
	447	Dunn, Robert Francis.....	577	363	641	445	171	281
	745	Dusch, Donald Duane.....	1	811	762	770	124	393
	468	East, Robert Charles, Jr.....	597	697	636	359	308	114
	*57	Ebrite, Ernest Edward.....	185	46	231	111	67	40
	*9	Eckert, Richard Holvey.....	97	20	17	15	86	75
	775	Edwards, Julian Burriss, Jr.....	804	633	783	767	458	526
	478	Edwards, Thomas Craven.....	97	586	509	501	360	405
	199	Ekeren, Halvor Martin.....	764	135	218	247	197	240
	401	Entstrasser, John Jay, Jr.....	268	460	456	367	706	214
	*102	Estes, Dana, II.....	698	557	83	97	43	77
	681	Etchison, Frank Leslie, Jr.....	268	644	702	699	509	491
	503	Evans, Daniel Howard, Jr.....	607	604	430	632	289	360
	383	Farrell, John Roger.....	1	606	394	280	503	354
	469	Fasulo, Robert Peter.....	483	614	442	337	471	514
	*97	Feldheim, Robert Jay.....	268	143	226	190	19	89
	305	Fernandez, Antonio Manuel, Jr.....	465	244	416	437	626	92
	574	Ferree, David Frederick.....	97	118	660	553	766	671
	154	Finck, Edward Reinhold, Jr.....	97	669	172	71	134	130

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	318	Findley, Allen.....	268	325	347	199	672	402
	570	Fitzpatrick, Joseph Anthony.....	797	800	304	563	445	228
	740	Fletcher, Charles Douglass.....	97	395	808	524	274	793
	167	Flynn, Edward Dunne.....	1	259	156	175	531	225
	*118	Fodor, Richard Louis.....	577	409	199	48	59	116
	307	Foley, James Edgar.....	344	598	307	308	154	328
	760	Fonda, Frederick Martin, Jr.....	698	644	760	563	733	749
	599	Fontaine, Richard Kern.....	623	631	526	495	252	745
	415	Forrester, James Elbert.....	185	265	415	468	482	517
	205	Foster, William Feeny.....	268	346	152	421	89	290
	589	Fourzan, Osvaldo Marquez.....	1	503	464	687	798	479
	197	Francis, John Paul.....	344	328	268	128	344	276
	270	Franke, Richard Dean.....	74	595	465	229	44	247
	338	Frasca, William Hammersley.....	543	499	159	420	721	252
	*94	Friedman, Arthur Charles.....	344	155	134	110	127	179
	310	Frost, William LeRoy.....	344	745	325	180	154	247
	*46	Fuchs, Stanley.....	564	240	30	24	458	53
	136	Fuller, Joe Ed.....	185	195	87	44	427	556
	167	Fuller, Robert Byron.....	97	225	92	160	554	424
	745	Furlow, Charles Marvin, III.....	97	704	696	759	654	705
	802	Gallagher, Paul Ambrose.....	649	787	811	757	702	627
	238	Gamber, Harold William.....	97	118	441	327	482	158
	737	Gambke, Frederick Chandler.....	564	679	720	653	780	606
	538	Gangloff, Charles Anthony.....	97	786	311	331	675	648
	*29	Gardner, Richmond.....	344	75	42	123	30	68
	761	Garofalo, Joseph Thomas, Jr.....	623	805	653	691	616	690
	186	Gaske, Marvin Colgan.....	564	409	242	87	482	160
	739	Gauldin, Homer Cecil, Jr.....	483	434	775	763	314	737
	211	Genter, Robert Edwin.....	97	174	66	290	637	591
	480	Ghysels, David George.....	543	681	425	452	566	276
	480	Giesen, Herman Mills.....	185	384	503	559	410	519
	*71	Gilbert, Ralph James.....	792	292	107	68	59	5
	253	Gilchrist, John Foster, II.....	97	583	272	232	143	314
	188	Gillen, Thomas William.....	731	622	187	48	424	77
	222	Gillespie, Charles Rodgers, Jr.....	398	1	426	334	503	398
	201	Gilman, Cooper Lee.....	673	122	316	250	231	200
	394	Ginder, Herman Adam.....	317	192	454	179	765	613
	707	Ginder, Samuel Paul, Jr.....	623	688	621	727	360	674
	*40	Ginter, Clarence Marshall, Jr.....	323	85	21	150	158	101
	*114	Gleason, George Lawrence.....	465	214	325	148	138	10
	732	Glenn, Leo, Jr.....	344	814	363	660	712	717
	357	Goelzer, Henry Charles.....	623	108	163	550	539	624
	462	Gold, Robert Harlan.....	454	335	564	241	675	540
	274	Golec, Theodore Ray.....	750	280	498	161	354	130
	679	Gordon, Donald Bedell.....	1	390	704	785	378	627
	196	Gorschboth, Frederick Francis.....	74	779	373	112	4	69
	713	Gorski, William Paul.....	1	653	695	741	464	665
	231	Goslow, Paul.....	1	56	277	356	488	385
	713	Gould, Robert Patterson.....	780	509	661	689	495	676
	528	Goumas, Melto.....	773	420	615	283	724	375
	*104	Govan, George William.....	239	45	238	58	224	276
	133	Grace, Homer Joseph.....	268	108	260	191	314	92
	518	Grace, John Joseph.....	649	598	617	669	35	264
	568	Grady, James Harris.....	454	249	747	553	257	540
	*21	Graham, Fred Brown.....	577	30	38	16	55	135
	563	Grandfield, Francis Joseph, Jr.....	597	640	728	404	378	249
	593	Granum, Bradford Simley.....	97	576	561	586	620	610

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	244	Graves, Harold Monroe, Jr.....	698	420	243	266	389	130
	288	Greathouse, David McLeod.....	97	287	521	391	27	319
	*11	Green, John Neal.....	97	265	4	7	58	33
	*68	Griesmer, Donald Robert.....	185	128	108	199	92	52
	473	Griest, Richard Alan.....	1	665	288	421	675	582
	*96	Guillo, Louis Stephen.....	323	158	336	120	2	89
	136	Guimaraes, Geraldo Sylvio Cravo.....	420	275	109	316	257	70
b	395	Guthrie, Edward Shuldon, Jr.....	97	606	524	274	464	240
	145	Haff, William Burton.....	97	202	128	99	654	292
	541	Haggett, Arthur Raymond, Jr.....	764	428	552	512	596	360
	656	Haigh, Alfred Douglas, Jr.....	649	658	686	722	57	518
	634	Hale, Paul Allen, Jr.....	810	656	171	737	611	567
	262	Hall, David William.....	420	159	303	410	163	384
	387	Hall, Harrell Willoughby, Jr.....	454	295	351	548	503	292
	337	Halstead, Frank Charles.....	623	22	445	485	599	337
	565	Hamilton, John Willis.....	756	693	299	727	322	402
	342	Hammond, James Wesley, Jr.....	528	428	394	303	231	346
	*80	Hanaway, John Francis.....	97	7	67	147	270	479
	541	Hanemann, Regmar William.....	805	454	575	475	360	290
	496	Harding, Robert Chester.....	185	195	588	534	509	578
	576	Harper, William Hale.....	721	221	681	472	770	413
	261	Hartman, Harry George.....	268	576	219	178	247	407
	505	Harvey, William Taylor.....	543	380	442	459	525	651
	292	Hauser, Derrell Bernard.....	1	496	113	373	581	507
	597	Hauser, Robert John, Jr.....	97	635	544	370	786	653
	*42	Hay, Robert Wallace.....	344	101	51	37	177	168
	*13	Haynsworth, Donald Deroy.....	97	63	37	27	33	12
tb	689	Hazlehurst, George Edward, Jr.....	268	741	656	497	754	606
	603	Head, John Landon.....	483	276	599	640	438	753
	610	Hedrick, William Bull.....	465	687	555	520	344	666
	463	Heffernan, William Daniel.....	649	711	356	402	200	449
	258	Heidbreder, LeRoy Kenneth.....	239	164	282	299	319	479
	246	Heigl, John Theodore, Jr.....	344	450	462	341	138	50
	327	Heim, William Peter.....	169	707	114	228	503	562
	459	Helttula, Reino Ensio.....	185	228	465	576	759	352
	*3	Hemenway, John David.....	268	13	10	11	37	9
	163	Heneberger, Harry Bailey, Jr.....	344	674	282	133	15	57
	722	Hennessy, William Joseph.....	742	767	600	743	804	204
	149	Herndon, William James, Jr.....	164	145	146	145	525	283
	348	Hiehle, Frank Gustav, Jr.....	1	611	175	239	662	530
	125	Higgins, Richard Chester, Jr.....	185	52	168	359	132	143
7	771	Higgins, Silas Alden.....	649	783	725	791	410	620
	494	Higgs, Donald Robert.....	268	503	638	648	354	152
	674	Highleyman, Searle Franklin.....	607	559	546	749	716	571
	*17	Hightower, Emmett Scott.....	454	47	28	54	30	34
	*76	Hildebrand, Robert Ary.....	815	255	79	27	238	1
	717	Hilgartner, Peter Louis.....	528	725	700	772	270	507
	250	Hill, Max Lloyd, Jr.....	1	509	157	432	177	330
	527	Hill, William Pendleton Thompson, Jr.....	268	767	584	304	360	389
	*64	Hillis, David Lea.....	74	86	206	88	89	48
	180	Hillock, Joseph Patrick, Jr.....	520	153	183	196	82	491
	423	Hines, Gulmer Augustus, Jr.....	649	709	336	217	378	435
1	780	Hobson, Tolbert Francis, Jr.....	483	798	726	605	654	808
	130	Hodnett, Robert Anderson.....	1	89	82	65	458	640
	*35	Hofmockel, John Loren.....	317	67	18	39	344	191
	267	Holland, Alfred David.....	577	216	401	319	427	162
	371	Holland, James Stanley.....	239	168	366	602	482	325

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
14	797	Holloway, Floyd, Jr.....	564	813	761	743	700	712
	516	Holmberg, William Carl.....	239	363	491	550	397	666
	544	Hooper, Ralph Wilson.....	684	452	582	576	286	476
	*26	Hoover, Richard Martin.....	97	130	35	105	35	72
	207	Hortman, Richard Truitte.....	483	312	222	346	397	87
	676	Hossfeld, James Francis.....	420	303	565	715	702	781
	509	Hovater, James David.....	97	470	473	576	649	463
	812	Hubbard, Rufus George.....	705	757	814	807	726	765
	731	Hughes, Peter Finley Hugh.....	684	467	792	658	509	569
	258	Hunt, James Charles, Jr.....	420	202	329	108	495	547
	651	Hunter, Francis Robert, Jr.....	465	746	556	581	702	505
	566	Hurd, Calvin William.....	564	721	628	513	322	325
	283	Hutchins, Christopher Thomas, Jr.....	756	191	233	381	270	373
	275	Hutchison, William Edwin.....	344	551	445	194	194	188
	558	Huyette, Carl William, Jr.....	543	443	491	270	549	802
	666	Iacona, Michael Angelo.....	185	539	687	570	585	712
	476	Ingram, John Wesley.....	673	218	671	515	308	298
	334	Inman, Richard Pearson.....	660	140	358	263	637	419
	*77	Innes, Robert Eugene.....	97	23	144	86	158	330
	142	Irwin, James Benson.....	528	48	160	169	539	244
	152	Ismay, Arthur Peter.....	420	432	3	130	304	702
	*119	Jackson, Thomas LeRoy.....	420	117	260	91	38	305
	140	Jaffurs, Carl Charles.....	239	283	50	240	349	287
	256	James, David Lewis.....	323	443	169	341	151	443
tb	306	James, David Russell.....	344	339	475	310	52	393
	307	James, Frederick Gibson, III.....	783	774	177	206	157	126
	424	Jarvis, Donald Homer.....	788	13	347	203	781	770
	693	Johns, Forrest Ronald.....	705	164	751	680	438	738
	524	Johnson, Albert William.....	398	221	392	570	740	705
	765	Johnson, Alfred William, Jr.....	759	460	750	722	611	789
	*5	Johnson, Boyd Walker.....	1	23	19	6	7	24
	185	Johnson, Joseph Jefferson.....	344	155	150	274	427	322
	488	Johnstone, Richard Alastair.....	770	714	608	185	209	343
	143	Jones, Arthur Daniel, Jr.....	577	380	241	36	566	55
	*38	Jones, Donald Edward.....	1	43	55	76	464	80
	628	Jones, David Leslie, Jr.....	691	255	511	697	522	768
	664	Jones, Samuel Oather, Jr.....	577	740	597	713	207	547
	213	Kalisch, Robert Burns.....	239	432	191	325	304	164
	*8	Kane, John Joyce.....	1	255	6	22	38	7
	679	Kaulback, Russell David.....	344	523	722	488	421	779
	626	Kay, Donald Jerome.....	268	287	685	750	633	433
	800	Keefe, Thomas Joseph, Jr.....	742	764	804	795	274	756
	700	Keegan, Richard Joseph.....	344	620	744	694	585	455
	247	Keene, Edward Frederick.....	185	377	101	388	339	507
	*78	Kelly, Lawrence John.....	239	485	69	116	134	38
tb	381	Keller, Walter Smith, Jr.....	344	303	734	445	17	97
	795	Kelley, James Patrick.....	807	719	665	703	817	783
	636	Kelly, Walter Hayden, Jr.....	169	746	643	741	516	207
	783	Kemble, John Robert.....	398	731	763	704	675	801
	210	Kendrick, Jack Ish.....	185	482	376	241	70	111
	557	Kernan, Leonard Lawrence, Jr.....	577	701	756	698	22	48
	711	Kilmer, Donald Allan.....	738	704	543	724	389	699
	595	Kinney, Donald Paul.....	705	420	534	404	730	720
	738	Kirby, Kermit Alexander.....	577	667	621	642	786	773
	314	Kirk, John Joseph.....	169	559	378	299	205	262
	292	Kirms, Frederick Owen.....	97	151	177	442	289	681

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
tb	494	Kitterman, Warren Palmer.....	543	434	626	434	322	428
	805	Kittredge, Wallace Randall.....	813	636	800	789	620	686
	182	Klett, George Jacob.....	528	180	290	270	171	130
	421	Kneece, James Frank, Jr.....	623	737	394	324	33	449
	692	Knutson, Donald Wayne.....	1	714	690	704	322	615
	439	Kollmorgen, Leland Stanford.....	673	357	549	399	122	463
	*49	Kosonen, Charles George.....	1	9	69	148	476	130
	301	Kozel, William John.....	750	206	79	370	440	690
	536	Kremm, Andrian.....	786	339	388	735	737	164
	*108	Lachowicz, Michael Robert.....	239	89	299	103	213	101
	383	Lake, Charles Marshall, Jr.....	1	369	372	428	548	407
	701	Lang, David Wall.....	691	460	724	588	753	600
	*16	Langenberg, William Henry.....	344	107	29	14	116	21
	362	Langmack, Cecil Edward.....	577	98	254	508	500	587
	550	La Pides, Jerome.....	97	458	550	581	747	449
	555	Laramore, James Moss.....	268	764	582	386	203	519
tb	334	Larson, Charles Daniel.....	483	303	193	319	453	604
	531	Larson, Robert Vernon.....	660	711	336	482	554	502
	*47	Latham, James Arthur.....	1	184	74	177	67	36
	385	Latimer, Samuel Edwin, Jr.....	742	168	532	381	389	255
	161	Laubach, John Paul.....	577	403	280	45	445	72
	388	Lautermilch, Paul Anthony, Jr.....	420	265	258	373	378	731
	*36	Lawrence, William Porter.....	344	290	59	81	41	29
	372	Lawton, William Henry, Jr.....	623	59	402	425	389	588
	392	Leach, Ralph Wilson, Jr.....	268	142	457	674	500	225
	551	Leahy, John Patrick.....	1	517	505	538	675	606
	205	Ledbetter, Jack Wallace.....	564	292	292	221	150	227
	351	Lederle, John Hirst.....	520	16	330	290	778	687
	674	Leiser, James Morgan.....	577	661	732	270	712	674
	726	Lemelman, Mark Eliot.....	543	550	774	694	516	575
	*41	Leppin, William Francis, Jr.....	1	4	154	209	179	27
	798	Leslie, Maxwell Franklin, Jr.....	454	771	793	782	649	777
tb	267	Lessig, Raymond Harry.....	185	677	262	173	295	270
	147	LeSturgeon, William Duexsaint.....	577	25	95	341	308	393
	*86	Levissee, Donald Bergman.....	483	12	246	164	374	42
	174	Lewis, Roger Paul.....	483	259	132	404	86	188
	730	Lewis, William Sheridan.....	1	810	604	777	737	319
	789	Liberato, Frank Antonio.....	768	606	813	797	41	773
	437	Libey, John Davis.....	268	195	281	377	776	698
	703	Liston, John Michael.....	74	610	716	624	662	682
	442	Little, Wilfred Reese.....	97	440	320	399	531	662
	663	Livingston, Richard Cloldt.....	564	778	669	534	369	455
	*110	Loesch, Robert Charles.....	420	283	32	80	218	469
	404	Loferski, Stanley James.....	97	639	450	369	495	198
	177	Lombardo, Joseph Michael.....	344	51	137	377	313	345
	641	Loughead, Robert Brierley, Jr.....	323	567	585	493	706	741
	430	Love, Henry Hamilton, Jr.....	268	693	409	616	158	139
	431	Love, John Reily.....	715	375	343	611	280	325
I	243	Lowell, William Louis.....	239	325	65	502	642	319
	526	Lowery, Charles Vernon.....	185	206	714	711	74	428
	467	Lyden, Edward Miller.....	344	233	523	545	737	336
	702	Macaulay, Angus.....	465	739	795	727	453	44
	630	MacInnis, Joseph Alan.....	775	590	752	630	549	70
	578	MacKeith, Peter Brabson.....	1	395	512	638	654	682
	553	Madden, Raymond Aloysius.....	816	361	567	562	280	204
	398	Madeira, Edward Livingston.....	750	567	381	295	354	283

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
b	788	Madigan, James Alonzo.....	483	669	812	611	723	784
	721	Maguire, John Aloysius, Jr.....	543	806	709	678	252	438
	774	Maher, John Wallace, III.....	649	244	789	711	746	803
	665	Maier, Paul Leslie.....	797	618	696	592	257	410
	279	Malkemes, Robert Furcron.....	344	361	342	280	599	196
	606	Malone, Roy Wilson.....	543	395	619	597	620	634
	233	Maloney, Andrew.....	1	281	315	260	385	252
	*111	Marangiello, Daniel Angelo.....	465	354	39	187	231	148
	514	Marin, William Thomas.....	577	517	491	504	286	559
	575	Marlow, Louis Gene.....	673	517	553	573	752	349
	215	Martin, John Floyd.....	185	792	94	112	73	360
	490	Martin, Paul Brice.....	74	458	575	617	488	262
	*35	Martin, Sam Thornton, Jr.....	1	133	36	92	289	393
	230	Mason, Robert Elmer, Jr.....	97	659	288	386	74	46
	*74	Matheson, Ralph Earl.....	97	108	117	67	516	82
	587	Matson, Keith Wayne.....	344	725	295	528	566	768
	338	Mattioni, Blasco.....	483	114	403	334	688	369
	667	Maxwell, Paul Marcus.....	483	690	676	709	716	228
	346	McCaffrey, John Francis.....	1	478	416	396	247	298
	459	McCarthy, Francis Xavier.....	745	815	286	412	44	95
	234	McCormick, James Edward.....	97	82	189	169	642	662
	464	McCreless, Tom "G", Jr.....	268	330	513	415	200	671
	*91	McDonough, Charles Evans.....	721	66	85	191	247	101
	290	McDonough, William Drislane, Jr.....	323	350	196	314	759	265
	709	McFadden, Grafton Ridout.....	344	743	595	691	611	671
	*59	McGarrah, James Eugene.....	1	32	194	334	224	30
	572	McGavack, John, Jr.....	344	539	600	601	589	460
	723	McGeachy, Francis Langston.....	660	772	714	617	642	449
	193	McGlohn, Robin Hollie, Jr.....	607	499	301	105	257	97
	133	McGrew, John Ferries.....	344	312	286	117	63	97
	380	McIntosh, Charles Duncan.....	691	303	535	565	218	64
	388	McIntosh, Robert Henderson.....	759	548	359	568	101	142
	*58	McKee, Kinnaird Rowe.....	268	67	56	146	78	207
	564	McKee, Robert Xavier.....	185	567	529	600	531	571
	537	McKendree, Earl Elbert, Jr.....	74	661	431	528	611	535
	367	McLaughlin, Robert Frederick.....	420	182	386	492	344	413
	235	McNerney, James Francis.....	97	77	467	316	84	387
	794	McPheeters, Thomas Anthony.....	564	697	743	760	796	806
	181	McQueston, Jack Edward.....	1	252	120	263	397	337
	352	Meador, Bruce Irvine.....	169	452	596	365	213	120
	584	Meadow, Charles Joe.....	239	719	542	479	724	455
	300	Mehelas, John Nicholas.....	805	292	297	279	187	214
	376	Mehl, James Patrick.....	420	200	497	445	476	261
	650	Meinhold, Robert Louis.....	239	614	528	646	730	660
	531	Melchers, Arthur Carl.....	97	503	473	497	509	676
	523	Melesko, Stephen, Jr.....	268	598	450	658	322	468
	528	Meredith, Freddie Dan.....	543	649	310	502	706	547
	438	Metcalf, Joseph, III.....	691	206	238	253	815	620
	294	Middleton, Clyde William.....	638	618	270	123	218	449
	533	Millie, Robert James.....	323	575	644	421	654	328
	756	Miller, James.....	709	807	684	649	531	634
	605	Miller, James Paul.....	1	507	666	704	359	542
	*81	Miller, James Porter.....	268	515	115	23	27	177
	699	Miller, Robert Lantz.....	268	674	589	771	581	610
	295	Minnigerode, John Heritage Bryan.....	97	311	275	280	424	544
	240	Mitchell, William Frederick.....	239	338	363	238	224	232

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	810	Moffitt, Thomas David, Jr.	808	753	785	781	782	775
	*72	Mongrain, Richard Orton	185	611	47	26	319	43
	323	Montgomery, Graden Leander	97	405	419	157	209	596
	378	Morehead, Ralph Connor	323	586	323	139	604	556
	*23	Morgan, Bernard Stanley, Jr.	97	522	7	72	111	4
	279	Moriarty, John Benedict, Jr.	323	414	257	359	295	342
	374	Morris, Howard Lowell	344	386	210	156	797	610
	276	Morrow, Charles Digby	268	218	335	363	322	346
	329	Mott-Smith, Tipton Pryor	344	184	309	421	418	482
	*43	Mow, Douglas Farris	344	350	20	81	80	65
	*121	Moyer, Donald Robert	1	220	45	60	389	555
	333	Mueller, George Edward	344	285	519	338	104	349
	770	Mularz, Joseph John	623	795	769	602	308	742
	715	Mulholland, Frank James	74	654	767	495	257	776
	150	Mullaney, David Michael	800	50	89	375	50	219
	*54	Mullen, Roger Francis	673	130	119	136	8	47
	569	Murphy, James Barber	607	241	387	626	740	745
2	412	Murphy, Maurice Vincent, Jr.	1	485	525	587	197	193
	616	Murray, Daniel Crawford	691	669	560	573	171	657
	169	Murray, Douglas Vrooman	344	114	312	258	224	120
	*94	Nali, Stanford	344	143	54	68	685	195
b	369	Nardi, Francis Julian	543	114	419	507	594	305
	*62	Neely, David Fenton	398	168	101	48	349	39
	287	Neff, Richmond Britton, Jr.	74	430	475	196	611	148
	552	Nehez, James Robert, Jr.	268	636	590	416	280	642
	454	Nelson, Eric Abraham, Jr.	420	572	459	545	531	207
	649	Nelson, William Boyd	185	717	672	699	385	368
	237	Nichols, Robert William	164	273	142	304	637	393
	*24	Nicksay, Donald Alfred	483	30	64	84	116	20
	296	Nile, Samuel Herbert	660	475	321	191	402	312
	693	Niven, John Walter	673	614	649	683	247	729
	395	Nix, Henry Branch	454	475	585	356	74	334
	*87	Nunneley, John Kerwin	1	123	135	187	103	143
	645	Nyquist, Charles Wolfgang	520	756	504	576	698	546
	677	O'Brien, Charles Clark	323	763	571	548	667	627
	*117	O'Connor, Roger Edward	564	350	163	139	171	44
	566	O'Gara, Patrick Eugene	74	539	623	479	633	571
	521	O'Kane, Albert Edward, Jr.	239	524	649	662	299	212
	417	Olson, Paul David	731	403	459	293	604	270
	596	Olson, Willard Richard	764	643	506	310	557	717
	319	Orem, John Bohannon, Jr.	74	392	485	456	238	122
	284	Ortolivo, Basil Anthony	268	236	154	497	458	446
	132	Osborn, Donald Roderick, III	607	598	149	164	11	72
	*44	O'Toole, Kevin James	97	77	42	199	187	59
	580	Owen, Robert Ashley	809	499	305	462	402	733
	228	Paddock, Charles Oscar	268	328	232	267	238	337
	*69	Pahl, Philip Miller	454	83	202	142	51	32
	579	Painter, Robert Dixon	97	328	641	653	545	567
	*97	Panciera, Vincent William	660	75	68	134	488	148
	673	Pardee, William Joseph	344	420	772	718	427	389
	444	Parker, John Gibson	1	138	490	640	235	583
	748	Parks, William Warren	169	794	651	615	810	640
	346	Parler, William Carlos	344	793	318	219	238	143
	695	Parmelee, James Wheeler	268	303	678	704	488	792
	764	Patch, Irwin, Jr.	185	609	768	737	539	785
	661	Patten, Michael Allison	465	772	703	780	205	111

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
b	264	Patterson, James Stanford.....	420	295	319	290	289	314
	*105	Patterson, William Warren, Jr.....	185	371	62	142	116	232
	357	Peake, Erwin Crockett.....	185	443	440	204	712	297
	*26	Pearlston, Carl Brilles, Jr.....	268	231	26	63	20	80
	540	Pearson, Paul Eldon.....	185	586	507	341	599	705
	413	Perky, James Dargan.....	564	162	277	536	224	712
	411	Perrin, Frank Gibson.....	74	495	370	441	418	430
	*48	Peterson, John Colvin.....	398	40	63	60	378	137
	784	Peterson, Rodney Ralph.....	239	614	777	799	545	804
	*10	Phillips, Alan Randolph.....	74	151	1	3	143	179
	*61	Phillips, Harry Edward.....	344	391	12	131	86	113
	519	Phillips, William Rees.....	483	629	432	346	360	716
	750	Phillips, William Richardson.....	520	108	726	753	786	814
	623	Pierce, Billy Gene.....	74	485	632	620	334	756
	255	Pogue, David Wallace.....	268	496	252	131	525	360
	352	Pototsky, William Joel.....	721	758	411	356	194	15
	458	Powell, John Lewis.....	775	350	571	224	591	354
	428	Powers, William Lorenza, Jr.....	398	192	368	243	744	712
	785	Pracht, David Deloe.....	1	492	802	788	616	797
	175	Pramann, Robert Frederick.....	239	285	213	107	633	164
	395	Price, Benjamin Francis.....	185	395	429	224	564	591
	476	Prior, Boyd Thelman.....	185	731	712	349	70	177
	724	Pruden, Kenneth Elmer.....	756	735	539	605	762	709
	665	Pugh, Richard Phillip.....	344	622	657	621	369	701
	329	Purse, William Burks, Jr.....	420	372	199	482	604	276
b	*6	Pysz, Rudolph Walter.....	398	11	8	1	116	95
	212	Quintiliani, Paul Thomas.....	169	177	302	226	158	435
	*99	Radja, James Eugene.....	420	63	148	33	385	305
	*22	Radkowsky, Lawrence.....	185	298	13	53	12	60
	489	Raithel, Albert Lawrence, Jr.....	169	212	683	392	184	670
	147	Ramey, Jack Lloyd.....	323	63	203	236	539	123
	*116	Rapp, Fred Lincoln.....	185	276	141	114	179	184
	128	Rasmussen, Richard.....	344	190	129	117	108	380
	647	Rasmussen, Raun Jay.....	97	590	668	581	334	729
	685	Rattazzi, Stanley Eugene.....	715	693	626	608	662	519
	734	Read, Brooke French, Jr.....	344	559	780	688	182	777
	655	Reardon, Oliver Ashby, Jr.....	709	774	419	630	766	380
	449	Reategui, Armando.....	465	611	129	310	803	624
	660	Reaves, Joseph Champ.....	684	506	688	515	339	728
	369	Reckert, Richard Albert.....	1	409	333	430	360	443
	806	Redfield, John Morgan.....	597	801	759	807	560	811
	242	Reed, Robert Kendall.....	323	378	360	442	187	54
	688	Reeder, John Edward.....	465	180	691	735	661	762
	752	Rehwaldt, Robert John.....	420	583	773	733	647	669
	21	Reichelderfer, Bruce Allen.....	97	556	748	753	751	809
	324	Reig, Raymond Walter.....	738	89	195	163	672	738
	538	Reintgen, Robert Joseph.....	520	123	369	669	700	758
	547	Reisinger, Morris Fredric.....	1	274	673	530	436	615
	191	Renneman, Robert Adam.....	564	252	294	194	213	170
	221	Rentz, Frank Leslie, Jr.....	1	392	234	257	647	126
	413	Richard, Harold George.....	483	625	515	354	509	107
	340	Richardson, Richard Harold.....	577	547	376	414	349	107
14	813	Richerson, Rae Edward.....	483	801	807	811	624	812
	757	Richitt, Donald Anthony.....	607	620	635	776	716	787
	492	Rigsbee, Clifford Marshall.....	420	58	439	354	378	815
	277	Robbins, Raymond Arthur.....	268	236	374	530	397	97

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	533	Roberts, Louis Aubrey, Jr.....	483	517	462	319	726	695
*59		Roberts, Richard Harlan	169	16	99	30	585	219
690		Roberts, Robert Martin.....	543	405	745	767	560	417
471		Robertson, Douglas Barnes.....	268	171	659	428	314	583
138		Robinson, Donald Granville, Jr.....	1	343	467	37	421	15
258		Rogers, James Ogilvie.....	1	214	282	404	175	420
505		Rollins, William Gordon.....	239	482	631	622	304	273
611		Rook, Theodore Chapman.....	483	460	675	651	453	516
686		Rosati, Joseph.....	715	479	587	702	770	580
589		Rosecrans, Robert Darling.....	660	539	581	680	630	309
782		Rosette, Gerald Henry.....	483	755	806	791	479	398
*32		Rothmann, Warren William	1	320	24	42	163	57
*28		Rough, Jimmie Lynn	454	39	34	10	609	135
160		Rowley, Reginald Charles.....	465	123	129	180	113	551
313		Roy, Robert Walker.....	483	133	442	283	464	389
556		Rue, Harland Joseph, II.....	786	372	478	684	427	573
157		Ruggles, Howard Edwin, II.....	709	86	198	250	331	105
490		Rush, Thornwell Frank.....	169	549	412	524	624	494
376		Rushing, Charles Franklin.....	268	343	397	468	167	458
525		Russell, Robert Lee.....	97	392	789	507	78	214
436		Ryan, John Henry.....	74	460	434	466	516	410
279		Ryntics, Anthony Durk.....	344	228	203	314	594	499
420		Saenz, Alfonso Maria.....	817	512	137	250	808	107
362		St. Lawrence, William Patrick.....	788	443	450	211	299	204
263		Salin, Robert Sven.....	673	576	313	299	59	162
*7		Sarosdy, Louis Robert	528	13	45	7	25	21
527		Sassone, Charles Henry, Jr.....	420	656	494	490	604	377
*50		Saylor, Eugene Harrington	317	116	75	57	64	222
404		Schack, Edwin Rudolph, Jr.....	239	375	557	482	371	182
*15		Schlagheck, Kenneth James	543	276	14	24	6	12
249		Schoen, Stephen Fredric.....	239	685	380	169	44	184
357		Schuler, John Preston.....	528	572	361	215	371	383
768		Schuller, Gordon Joseph.....	185	723	778	727	440	727
402		Schultz, Ford Joel Elmer.....	465	580	296	287	482	530
236		Schutz, Walter Joseph.....	398	231	222	283	339	400
239		Seagren, Leonard Warren.....	323	401	362	269	47	283
611		Sears, Glen Richard.....	750	533	482	556	694	620
533		Sease, Hugh St. Clare, Jr.....	649	524	405	593	322	615
*84		Seay, Wesley Herman, Jr	169	164	269	164	104	6
427		Sessions, Louis Walker.....	169	247	423	541	464	494
778		Settle, Charles Walsh.....	597	721	737	803	733	651
*56		Seward, John Allan, Jr	74	49	78	21	389	333
767		Seybert, Joseph DeWitt, Jr.....	97	751	757	812	649	400
*14		Seymour, Richard Jones	623	2	21	65	21	55
*12		Seymour, William Lester	97	33	11	39	104	30
*30		Shaffer, Guy Henry Baskerville	268	36	90	43	48	170
*1		Shaughnessy, William David	780	16	2	5	1	3
124		Shaver, Frank Trenton.....	185	225	185	81	289	188
*64½		Shaw, Milton	74	182	25	79	270	228
654		Sheely, Donald Martin.....	74	743	654	494	629	581
311		Sheets, Thomas Llewellyn.....	268	386	188	345	596	441
194		Sheffield, John Walter, Jr.....	344	409	111	92	531	463
176		Sherman, Peter Woodbury.....	398	174	273	217	92	257
*83		Sherman, Thomas Webster, Jr	344	29	176	126	151	181
440		Shimier, Melvin Galliher.....	483	96	619	538	516	309
*33		Shutty, Michael Stanley	169	35	145	221	17	15

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
14	562	Siegel, Raymond Earle, Jr.	673	709	547	520	349	360
	288	Silverman, Murray "H"	803	741	237	289	132	19
	483	Silvestrini, Remo John	185	343	469	456	694	565
	804	Simons, Donald William	709	530	809	775	813	717
11	582	Sims, Clifford Marton, Jr.	465	669	520	573	414	562
	671	Sinclair, Alexander Malcolm	1	690	639	660	702	528
	560	Singer, Stewart Mitchell	745	796	413	310	445	476
	*59	Skidmore, John George	543	265	97	210	3	23
14	486	Skiles, Frank Chambers, Jr.	1	395	545	286	667	656
	200	Small, Robert Holdermann	74	41	316	221	158	596
	382	Smedberg, William Renwick, IV ..	731	369	605	381	98	168
	635	Smeltzer, John Lewis, Jr.	483	790	598	559	591	322
14	791	Smith, Ferris MacArthur	607	707	810	803	207	702
	179	Smith, Paul Amos, Jr.	794	86	235	154	64	298
	277	Smith, Richard Wood	185	108	515	624	69	143
	*75	Smith, William Adams, Jr.	74	496	73	104	13	153
14	763	Smith, William Morris, Jr.	398	551	779	765	525	736
	158	Smith, Windsor Roberts, Jr.	1	430	253	129	184	143
	697	Snider, Alfred Ernest	483	677	640	790	138	626
	192	Sommer, Donald Joseph	483	297	135	397	64	273
14	*25	Soracco, David Louis	398	33	39	31	266	67
	561	Spiering, Wayne August	169	367	654	608	681	407
	779	Spraul, Don Louis	698	414	799	809	516	687
	445	Stader, John Francis	660	298	427	473	402	488
tb	345	Stanley, Richard Mervin	97	38	711	497	108	203
	*115	Stark, John Archibald	721	79	58	121	385	330
	219	Starn, Harrison Floyd, Jr.	317	316	536	718	654	697
	218	Stelzer, Frank Alan	268	339	308	263	339	153
b	143	Stephens, Perry Lee	1	301	69	162	299	413
	183	Stephenson, William Griffith, III ..	420	163	161	185	299	439
	719	Stevens, Walter Clarence, Jr.	698	809	613	597	440	559
	*100	Stevens, Warren Gene	483	492	162	55	104	41
b	209	Stieren, Oliver Bernard, Jr.	323	145	341	270	163	273
	572	Stiller, Bertram Hernauth	97	184	663	388	761	747
	587	Stockdale, Lowell Arthur	577	544	591	439	616	644
	691	Stockman, David Twogood	731	312	696	656	566	700
tb	753	Stolle, Thomas Joseph	185	279	796	748	778	647
	226	Stornetta, Wakefield Scott Moller ..	97	363	182	297	581	213
	*91	Stothard, Ralph Blake	483	70	133	92	274	207
	433	Strode, Charles Darlington	768	136	432	287	549	634
tb	633	Strohm, James Joseph	623	640	657	559	354	559
	705	Stuart, Jerome Carroll	770	559	693	674	630	491
	503	Stuart, Thomas Rodney	638	448	325	655	421	551
	250	Stubbs, James Edwin, 3d.	597	346	258	397	574	63
tb	621	Stump, John Morgan	638	684	527	538	596	579
	729	Sturgis, Kenneth Ralph	691	661	616	731	694	676
	811	Suarez, Luis Guillermo	715	798	788	805	810	766
	772	Sullivan, Joseph Lawrence, Jr.	323	565	797	733	726	660
tb	*70	Sullivan, John Patrick	684	236	111	76	27	82
	370	Sundry, Arthur Paul	780	539	197	381	681	153
	178	Surman, William Vincent, Jr.	164	202	123	299	122	446
	608	Swank, Donald Elliott	684	533	677	701	124	441
tb	508	Swart, Robert Lee, Jr.	543	485	414	365	402	753
	622	Sweeney, Raymond Joseph	543	779	667	565	626	137
	787	Taylor, Rafael Augusto	738	647	798	802	813	287
	*2	Taylor, Philip Winne	1	4	16	13	40	11

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
14	245	Tetrick, Claude Jackson.....	597	418	215	211	471	250
	803	Theodorou, Charles Louis.....	543	803	786	815	756	532
	171	Thomas, Gerald Carthrae, Jr.....	1	559	270	89	257	114
	545	Thomas, John Keith.....	483	434	592	536	314	588
	328	Thomas, William Rex, Jr.....	344	594	331	325	525	153
b	801	Thompson, Arthur Robert, Jr.....	344	790	753	793	816	750
	632	Thompson, Archibald Scales.....	638	714	603	783	56	377
	511	Thompson, William James.....	520	206	418	669	453	646
	418	Thompson, William Summers.....	543	171	405	278	479	725
	584	Thorne, Anthony Stearns.....	483	432	529	536	756	615
b	156	Tillson, John Granville.....	638	316	72	121	599	244
	184	Tillson, Roger Weston, Jr.....	528	103	247	330	101	295
	442	Toal, James Francis.....	239	145	219	667	799	463
	398	Todd, Alexander William, Jr.....	1	559	531	180	129	618
	340	Tollefson, Charles Herbert.....	454	95	500	75	522	748
tb	125	Tollefson, Norris Mohn.....	344	434	140	136	54	172
	*65	Tomb, Paul David.....	344	25	39	96	427	265
	424	Toruella, Antonio Ramon.....	420	492	518	520	742	37
	796	Tovar, Carlos Socrates.....	483	808	740	783	802	685
	*88	Trask, Walter Haywood.....	483	189	60	60	414	217
tb 3	559	Travis, David Pat.....	74	697	536	617	203	519
	576	Treadwell, Lawrence Penfield, Jr.....	814	727	227	527	449	405
	530	Trost, Frederick James.....	97	335	674	604	681	258
	217	Trout, Thomas Warren.....	420	233	285	232	100	413
	520	Truesdell, Willard Martin.....	721	309	501	430	770	469
14	418	Tuzo, Paul Benjamin, III.....	660	258	247	541	716	410
	402	Urban, Frank Monroe.....	1	100	471	416	500	653
	*106	Urban, Robert.....	420	499	116	102	98	91
	*19	Utterback, Paul Wilson.....	1	37	48	9	92	176
	*108	Vail, Harold Wayne.....	1	171	238	180	9	202
14	352	Valentine, Earl Lester, Jr.....	344	524	471	232	179	380
	814	Vallee, Thomas Frederick.....	818	783	805	799	805	535
	*44	Vander Nailen, Ralph Edward, Jr.....	344	10	85	141	134	172
	620	Van Hook, Gordon.....	185	631	680	715	440	283
	398	Verner, Edward Wingfield.....	597	96	384	392	440	676
14	749	Voegelein, Gordon Rollings.....	268	450	754	718	688	790
	809	Vogler, James Berton.....	323	734	801	769	662	816
	585	von Christerson, William Waldemar.....	1	184	470	721	539	791
	321	Vonier, William Herbert.....	1	130	405	468	257	472
	*37	Waespy, Charles Matthew.....	398	265	181	34	13	8
14	792	Wakeman, Curtiss Onley.....	577	731	734	810	790	762
	131	Wales, John Renison.....	420	19	214	180	389	260
	431	Walston, Donald Edward.....	465	298	174	595	488	676
	681	Wandres, Victor Charles.....	185	717	719	747	452	298
	659	Ward, Arthur Taylor.....	97	331	661	547	783	742
14 1	501	Ward, Clifford Lloyd.....	709	350	445	508	649	443
	547	Ward, Thomas Martin, Jr.....	745	491	367	556	672	553
	497	Ware, Owen Henry.....	323	405	611	632	92	462
	668	Wasilewski, Alex, Jr.....	607	544	608	556	789	638
	648	Wassell, James Winchester.....	731	420	574	593	557	721
14 1	254	Waterhouse, Charles Nickerson, Jr.....	344	242	354	237	235	354
	815	Watland, Douglas Miles.....	1	812	817	772	692	738
	514	Watts, Charles Robert, Jr.....	623	761	381	629	143	276
	807	Watts, Philip Gregg.....	810	758	776	805	747	648
	303	Weaver, William Alexander.....	623	723	408	346	62	50
14 1	453	Weber, Oscar Werner.....	607	195	254	442	642	766

Relative standing of the midshipmen of the present third class (class of 1951), for the first year of their academic course, 818 members, June 1948—Continued

Sym- bol (see p. 28)	Rela- tive stand- ing for aca- demic year	Name	Relative standing in—					
			Con- duct	M. E.	Math.	E. E.	E. H. & G.	For- eign langs.
	639	Weber, Walter Louis.....	673	454	478	585	766	723
	641	Weidenkopf, David Wright.....	398	803	522	526	402	575
	145	Weisheit, Burton Alvin.....	344	233	151	206	334	161
	652	Welch, Clyde Ray.....	268	669	578	704	574	537
	365	Westbrook, Donald Elliott.....	691	454	215	227	360	653
	733	Whelchel, Henry Cowan, Jr.....	528	633	729	581	764	702
	606	Whistler, Ralph Nelson, Jr.....	323	418	749	508	304	600
	451	Whitaker, Robert McKay.....	74	414	562	452	187	526
	153	White, James Eugene.....	344	320	224	150	167	148
	769	Whitener, Carr Choate.....	638	701	610	745	784	786
	474	Whitner, William Church, III.....	684	729	353	611	182	238
	512	Whyte, Kent Eugene.....	577	626	247	595	453	614
	247	Wickwire, Peter Allen.....	420	53	236	327	167	692
	*4	Wilcox, James Churchill	1	3	5	2	92	158
	284	Williams, Allen Dean.....	607	259	228	377	522	309
	793	Williams, Richard Glenn.....	420	787	746	725	711	813
	597	Williams, Ross Norman.....	97	287	692	439	791	600
	307	Williams, William Alonzo, Jr.....	577	324	190	114	649	687
	225	Wilson, William Boyd.....	1	331	513	76	238	256
	219	Winberg, William, III.....	185	126	322	416	187	240
	207	Winnefeld, James Alexander.....	528	470	191	229	129	250
	759	Wiseman, Hobart Joe.....	1	693	700	637	818	693
<i>i</i>	454	Wolfe, Russell Clinton.....	483	515	437	308	642	507
	696	Wood, Edward Harris.....	323	597	787	419	784	402
	478	Woodbury, John Leland, Jr.....	775	103	563	464	675	377
	*91	Woolwine, Emmons Hicks, Jr	721	98	122	109	70	198
<i>tb</i>	646	Worthington, Carroll Richard.....	750	426	606	599	414	721
	727	Wozencraft, Clark Robert.....	1	604	699	731	599	755
	708	Wray, Richard Edward, III.....	185	644	739	758	476	446
	554	Wyman, John Corbett, Jr.....	268	551	592	611	238	553
	640	Wynkoop, Thomas Edward.....	715	777	565	530	509	354
	509	Yeager, George Edward.....	185	263	323	665	762	599
<i>o</i>	240	Yoran, George Francis, Jr.....	597	89	393	319	163	322
	497	Young, Noel Statler.....	185	211	435	513	747	657
	266	Young, Robert Allen.....	268	113	219	274	777	435
	429	Ysunza, Fernando Rivera.....	1	448	422	626	774	84
<i>6</i>	786	Zimmey, Charles.....	483	265	815	774	349	795
	*73	Zoehrer, Herbert Alfred	239	53	211	159	151	25

EXPLANATION OF SYMBOLS USED IN THE LIST OF MIDSHIPMEN OF THE FOURTH CLASS TO INDICATE METHOD OF QUALIFYING SCHOLASTICALLY AND SOURCE OF APPOINTMENT DATA GIVEN IN THE COLUMN HEADED "APPOINTED FROM"

Methods of qualifying scholastically:

C—Qualified by the college certificate method.

S—Qualified by the certificate-substantiating examination method.

R—Qualified by passing the regular entrance examination.

States and Territories.—Entered in accordance with the provisions of the law which allows five midshipmen for each Senator, Representative and Delegate in Congress.

Navy or Marine Corps.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 160 appointments annually from among the enlisted personnel of the Regular Navy or Marine Corps.

Naval Reserve or Marine Corps Reserve.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 160 appointments annually from among the enlisted personnel of the Naval Reserve or Marine Corps Reserve.

Presidential.—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make 75 appointments annually from the United States at large.

In the event that the quota of midshipmen authorized by law to be appointed annually to the Naval Academy from (1) enlisted men of the United States Navy and Marine Corps, (2) enlisted men of the Naval Reserve or Marine Corps Reserve, or (3) by the President at large, is not filled, the Secretary of the Navy may fill the vacancies in such quota by appointing other candidates from any other of such sources who were found best qualified on examination for admission into the Academy and not otherwise appointed.

Vice Presidential.—Entered in accordance with the law which authorizes five appointments at large by the Vice President of the United States.

Honor Military School, Honor Naval School or N. R. O. T. C.—Entered by competitive examination under the provisions of the law which authorizes the Secretary of the Navy to make 20 appointments each year from among honor graduates of honor military or naval schools and Naval Reserve Officers' Training Corps units.

District of Columbia.—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make 5 appointments from the District of Columbia.

Public Law 228, 79th Cong.—Entered under the provisions of an act of Congress which authorizes the President of the United States to appoint the sons of persons who have been or shall hereafter be awarded a Medal of Honor in the name of Congress for acts performed while in any of the armed forces of the United States.

Public Law 229, 79th Cong..—Entered by competitive examination under the provisions of the law which authorizes the President of the United States to make 40 appointments from among the sons of members of the land or naval forces (including male and female members of the Army, Navy, Marine Corps, and Coast Guard, and of all components thereof) of the United States, who were killed in action or have died, or may hereafter die, of wounds or injuries received, or disease contracted, or preexisting injury or disease aggravated, in active service during World War I or World War II.

Puerto Rico (Gov.) and (Res. Com.).—Entered in accordance with the provisions of laws which allow one midshipman from Puerto Rico appointed by the President on the recommendation of the Governor of Puerto Rico and five midshipmen appointed on the nomination of the Resident Commissioner.

Canal Zone.—Entered in accordance with the provisions of the law which allows one midshipman from among the sons of civilians residing in the Canal Zone and the sons of civilian employees of the United States Government and the Panama Railroad Co. residing in the Republic of Panama, whose appointment shall be made by the Secretary of the Navy on the recommendation of the Governor of the Panama Canal.

American Republics and Canada.—Entered in accordance with the provisions of the law which provides that the Secretary of the Navy is authorized to permit upon designation of the President of the United States, not exceeding twenty persons at a time from the American Republics (other than the United States) and Canada and not more than three from any of such Republics and Canada to receive instruction at the Naval Academy at the same time. Such persons will not be entitled to appointment to any office or position in the United States Navy by reason of their graduation from the Naval Academy.

Philippine Islands.—Entered in accordance with the provisions of the law which provides that the Secretary of the Navy is authorized to permit upon designation of the President of the United States, not exceeding four Filipinos at a time to receive instruction at the Naval Academy. Such persons will not be entitled to appointment to any office or position in the United States Navy by reason of their graduation from the Naval Academy.

MIDSHIPMEN OF THE FOURTH CLASS

Class of 1952 (1,027 members)

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholasti- cally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Abbott, Mark Oliver.....	California.....	R	June 18, 1948	20	3
	Abbott, Tracy Francis, Jr.....	Naval Reserve.....	S	July 3, 1948	21	5
	Abhold, Earl Joseph.....	Washington.....	R	July 14, 1948	21	10
	Ackerson, David Joseph.....	New Mexico.....	C	Aug. 26, 1948	18	11
	Adair, Frederick Semple.....	Washington.....	S	June 21, 1948	18	9
	Alcaez, Reynaldo Manacsa.....	Republic of the Philip- pines.....	C	Sept. 18, 1948	22	0
	Aldern, Donald Deane.....	Naval Reserve.....	R	July 9, 1948	18	2
	Alexander, Dan Coker.....	Marine Corps.....	S	June 17, 1948	20	7
	Alexander, John Peyton.....	Presidential.....	R	June 21, 1948	18	2
	Alexander, John Richmond, Jr.....	Florida.....	S	June 30, 1948	18	11
	Alexander, Marvin Gillen.....	Navy.....	S	June 16, 1948	20	10
	Alexich, Milton Pivar.....	Ohio.....	R	June 18, 1948	18	5
	Alger, Shirley Knott.....	Marine Corps ³	R	Aug. 25, 1948	20	10
	Allen, John Henry.....	Pennsylvania.....	S	June 28, 1948	21	9
	Allen, John Paul.....	Naval Reserve.....	R	June 30, 1948	19	4
	Allison, Robert Clem.....	Navy.....	R	June 17, 1948	20	5
	Altwegg, David Mattson.....	do.....	R	July 28, 1948	18	5
	Ames, Lloyd Leroy, Jr.....	Marine Corps ²	R	June 18, 1948	20	10
	Amor, Raymond Cipriano.....	Vermont.....	C	July 21, 1948	19	3
	Anderson, Duane Elmer.....	Presidential.....	R	June 21, 1948	18	4
	Anderson, Leon Simon.....	Navy.....	R	June 16, 1948	20	5
	Anderson, Mason Evans.....	Arizona.....	R	June 18, 1948	19	1
	Anderson, Roger Allan.....	Navy ¹	R	June 17, 1948	20	1
	Anderson, Warren Randolph.....	Michigan.....	S	Aug. 25, 1948	17	11
	Andrews, Charles Edward, III.....	Naval Reserve.....	S	June 21, 1948	19	2
	Appell, Leroy Gustave.....	Navy.....	S	June 16, 1948	19	8
	Argiro, Vincent James.....	New York.....	R	June 21, 1948	18	7
	Arison, Rae Edgar.....	Presidential.....	S	July 9, 1948	18	2
	Arnheiter, Marcus Aurelius.....	New York.....	S	July 21, 1948	22	8
	Ashman, Lee Earle.....	Naval Reserve.....	R	June 21, 1948	18	9
	Avallone, Eugene Michael.....	Navy.....	R	June 17, 1948	20	9
	Badgett, John Jefferson.....	Navy ¹	R	do.....	20	5
	Bagby, Hallam Overby.....	Georgia.....	S	July 14, 1948	17	7
	Bailey, Earl Wright.....	Mississippi.....	C	Aug. 25, 1948	19	4
	Bailey, Garnett Russell.....	Marine Corps.....	R	June 16, 1948	20	11
	Bakke, Thomas Neil.....	Colorado.....	C	July 8, 1948	22	4
	Baldinger, James David.....	Pennsylvania.....	C	July 20, 1948	19	8
	Balint, William Stephen, Jr.....	Illinois.....	S	July 16, 1948	17	8
	Banghart, Leslie Lansing.....	Missouri.....	C	June 18, 1948	19	0
tb	Bangsberg, Howard Vey.....	Wisconsin.....	S	June 27, 1947	18	5
	Banks, William Emmett, IV.....	Missouri.....	R	July 16, 1948	18	1
	Banner, Conrad Seth.....	Presidential.....	R	June 21, 1948	18	2
	Bannister, William Harris.....	South Carolina.....	C	July 9, 1948	18	3

¹ Charged to quota from Naval Reserve.

² Charged to quota from Marine Corps Reserve.

³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholastic- ally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Barker, Merle Maurice.....	Indiana.....	C	July 9, 1948	19	6
	Barrett, Richard "H".....	Navy ¹	R	June 17, 1948	20	5
	Barrett, Robert Lee.....	Marine Corps ²	S	do.....	21	1
	Barrett, William Louis.....	Navy ¹	R	July 8, 1948	20	8
	Barry, John Joseph.....	New York.....	S	July 21, 1948	18	4
	Barry, Peter Francis.....	Navy ¹	R	June 17, 1948	20	2
	Bartlett, Donald Alan.....	Honor Military School.....	S	June 30, 1948	17	6
	Bartley, Robert Paul.....	Navy.....	R	June 16, 1948	21	8
	Bartosh, Timothy Daniel, Jr.....	Texas.....	C	June 18, 1948	19	0
	Bates, Robert Donald.....	Navy.....	R	June 16, 1948	20	3
	Beauregard, Theodore Henry.....	Connecticut.....	C	July 9, 1948	17	10
	Beecher, John Dennis.....	Ohio.....	C	June 23, 1948	18	10
	Behnke, Gene Arnold.....	Marine Corps.....	R	June 17, 1948	20	0
	Beilman, Donald Stanley.....	do.....	S	do.....	19	4
	Bell, Donald Robert.....	Presidential.....	R	June 21, 1948	19	10
	Bell, Robert Graham.....	Texas.....	S	do.....	18	1
	Bennett, Charles Franklin.....	Arkansas.....	C	June 18, 1948	19	6
	Benson, Charles Noyer.....	Presidential.....	R	June 30, 1948	20	4
	Benton, Hugh Arthur.....	Virginia.....	C	June 22, 1948	18	8
	Berg, Richard Conrad.....	Minnesota.....	S	July 3, 1948	18	4
	Berndt, Donald Judson.....	California.....	S	July 9, 1948	17	8
	Bernier, Francis William.....	Navy.....	R	June 17, 1948	20	9
	Bethel, William Fowler.....	Presidential.....	R	June 21, 1948	17	5
	Billion, Olivier Robert.....	Louisiana.....	S	June 30, 1948	18	10
	Bilodeau, Armand Arthur.....	New Hampshire.....	C	July 8, 1948	19	6
	Bird, Charles Scudder.....	Pennsylvania.....	C	June 25, 1948	18	0
	Bixby, Harry Llewellyn, Jr.....	California.....	S	June 18, 1948	19	2
	Bjerke, Duwain Elroy.....	Marine Corps ²	R	do.....	20	3
	Blackadar, Paul Frederick.....	New Hampshire.....	S	July 14, 1948	18	6
	Blackwood, Jack Dewayne.....	Naval Reserve.....	S	June 30, 1948	18	8
	Blades, Lawrence Todd.....	New Jersey.....	R	June 19, 1948	17	7
	Blanding, Robert Lightbourn.....	Florida.....	S	June 18, 1948	20	9
	Blanton, Harold Lee, Jr.....	Honor Naval School.....	S	Sept. 1, 1948	18	0
	Blasko, William Anthony.....	Marine Corps ²	R	June 30, 1948	20	11
	Blide, Dan Charles.....	North Dakota.....	S	June 23, 1948	18	1
	Boggs, Steve Vernon.....	Presidential.....	R	June 21, 1948	18	4
	Borden, Lucien Peter.....	Colorado.....	S	July 2, 1948	17	6
	Bos, Roger Charles.....	Michigan.....	C	July 21, 1948	19	1
	Bottomly, James John.....	Montana.....	C	July 24, 1948	19	9
	Boundy, Kenneth Ashburner.....	Navy ¹	S	June 17, 1948	20	2
	Bowen, William Schaefer.....	Georgia.....	R	June 19, 1948	18	11
	Bower, Joseph Edward.....	Nevada.....	S	Aug. 6, 1948	19	2
	Bowser, James Robert, Jr.....	Pennsylvania.....	S	June 28, 1948	18	0
	Bradley, Jules David.....	Tennessee.....	S	June 22, 1948	19	2
	Bradshaw, Brice Lorin.....	South Carolina.....	C	June 28, 1948	17	11
	Brady, Francis Thomas.....	Naval Reserve.....	S	July 9, 1948	18	8
	Brady, John Huston, Jr.....	Presidential.....	R	June 21, 1948	20	0
	Branyon, James Curtis.....	Alabama.....	C	June 28, 1948	19	0
	Braun, Daniel Frederick.....	Naval Reserve.....	S	June 22, 1948	18	9
	Bress, Allyn.....	Virginia.....	S	July 3, 1948	17	10
	Brickel, James Russell.....	Vermont.....	S	July 17, 1948	17	10
	Bridgman, Charles James.....	Nevada.....	S	July 6, 1948	18	2
	Brooks, Alfred Peter.....	Navy.....	R	June 16, 1948	20	5
	Brooks, Walter Allen.....	Texas.....	C	July 9, 1948	20	6
	Brooks, William Earl.....	New York.....	C	June 28, 1948	19	0

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholastic- ally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Brown, Bruce Kilroy.....	Texas.....	<i>S</i>	June 30, 1948	17	7
	Brown, Charles Howard.....	Louisiana.....	<i>C</i>	July 3, 1948	18	6
	Brown, Fred Eugene.....	Texas.....	<i>C</i>	do.....	18	1
	Brown, George Wayne Miller.....	New Jersey.....	<i>S</i>	June 19, 1948	17	11
	Brown, Jacob Calloway.....	Navy 1.....	<i>R</i>	June 17, 1948	20	0
	Brown, Laurence Arthur, Jr.....	Oregon.....	<i>S</i>	July 3, 1948	18	0
	Brown, Robert Magnus.....	Navy.....	<i>R</i>	June 17, 1948	20	7
	Brownrigg, Richard Thomas.....	Missouri.....	<i>S</i>	June 30, 1948	18	4
	Bryan, Charles Waters.....	Tennessee.....	<i>S</i>	Aug. 5, 1948	18	5
	Bryson, James William, III.....	Alabama.....	<i>S</i>	Sept. 1, 1948	18	1
	Buck, Donald Dean.....	Idaho.....	<i>C</i>	June 19, 1948	20	6
	Buckman, Robert Stewart.....	Connecticut.....	<i>S</i>	July 9, 1948	17	6
	Burch, James William.....	South Carolina.....	<i>C</i>	June 18, 1948	19	3
	Burch, Robert Morris.....	Pennsylvania.....	<i>S</i>	June 28, 1948	17	5
	Burcham, Enis Volney, Jr.....	Illinois.....	<i>S</i>	July 14, 1948	18	6
	Burchett, Milton Edward.....	Kentucky.....	<i>C</i>	June 18, 1948	19	2
	Burgin, Joe Carter, Jr.....	Georgia.....	<i>C</i>	June 30, 1948	19	0
	Burkhart, Paul Clifton.....	Navy.....	<i>R</i>	June 16, 1948	19	8
	Burnett, John Houston.....	Marine Corps.....	<i>S</i>	do.....	20	5
	Burns, Richard Carroll.....	Navy.....	<i>R</i>	do.....	19	3
<i>tb</i>	Burrell, Jack Luse.....	Texas.....	<i>S</i>	June 14, 1947	19	7
	Burridge, Herbert Murray.....	Michigan.....	<i>S</i>	June 30, 1948	17	11
	Cagney, Thomas Patrick.....	Pennsylvania.....	<i>S</i>	June 28, 1948	17	8
	Calabrese, William Chisholm.....	Navy.....	<i>R</i>	Sept. 9, 1948	20	5
	Califf, Toxey Haas.....	South Carolina.....	<i>C</i>	June 2, 1948	18	11
	Calkins, Robert Edward.....	Virginia.....	<i>C</i>	July 3, 1948	18	1
	Campbell, James Michael.....	Pennsylvania.....	<i>S</i>	July 15, 1948	19	8
	Campbell, Ronald Alistair.....	Marine Corps.....	<i>R</i>	June 17, 1948	20	1
	Campbell, William Harold.....	Navy.....	<i>R</i>	June 16, 1948	17	9
	Cantacuzene, Rodion.....	Illinois.....	<i>R</i>	June 24, 1948	19	8
	Carbone, Joseph Roland.....	Marine Corps.....	<i>S</i>	June 17, 1948	19	5
	Carl, William Thomas.....	Navy 1.....	<i>R</i>	July 8, 1948	19	5
	Carman, Alexander Junior.....	West Virginia.....	<i>S</i>	June 22, 1948	19	11
	Carpenter, Albert Wesley.....	Navy.....	<i>R</i>	June 17, 1948	19	10
	Carroll, David James.....	New Hampshire.....	<i>R</i>	June 30, 1948	18	5
	Carroll, Robert Healy.....	Illinois.....	<i>R</i>	June 19, 1948	20	4
	Carroll, William Edward.....	Navy.....	<i>R</i>	Sept. 11, 1948	20	10
	Carson, Ralph.....	Virginia.....	<i>S</i>	June 25, 1948	19	7
	Carson, Richard Henry.....	New York.....	<i>R</i>	June 19, 1948	20	1
	Carter, Philip Mack.....	Pennsylvania.....	<i>S</i>	July 3, 1948	17	9
	Carter, Robert Dalton.....	Presidential.....	<i>S</i>	June 23, 1948	18	0
	Case, George Phillip, Jr.....	West Virginia.....	<i>R</i>	June 30, 1948	18	9
	Case, Richard William.....	Presidential.....	<i>S</i>	July 10, 1948	17	5
	Catanach, Anthony Henry.....	New Mexico.....	<i>C</i>	July 3, 1948	18	9
	Catlett, Jack Calmes.....	Alabama.....	<i>C</i>	do.....	18	11
	Caudill, William Emery.....	Illinois.....	<i>R</i>	June 22, 1948	18	11
	Caulk, Robert Fletcher.....	Maryland.....	<i>S</i>	June 23, 1948	17	7
	Cawthon, Harry Willis.....	Arkansas.....	<i>C</i>	June 30, 1948	19	3
	Chambers, Lawrence Cleveland.....	Illinois.....	<i>R</i>	do.....	19	1
	Champlin, Calbraith Perry, Jr.....	New York.....	<i>S</i>	July 17, 1948	18	2
	Chandler, Earl Franklin, Jr.....	Marine Corps.....	<i>R</i>	June 17, 1948	19	10
	Charbonneau, George Leo.....	Navy.....	<i>S</i>	June 16, 1948	20	6
	Charneski, Mitchell Daniel.....	Michigan.....	<i>S</i>	July 14, 1948	19	9
	Cheatham, Augustus Barrett.....	California.....	<i>C</i>	June 18, 1948	20	4
	Chesky, James Allen.....	NROTC.....	<i>S</i>	July 17, 1948	19	1
	Chinn, Clarence Earl.....	Colorado.....	<i>S</i>	July 9, 1948	19	7

¹Charged to quota from Naval Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying schol- astically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Chittenden, Richard Marlon.....	Marine Corps ²	<i>R</i>	June 17, 1948	21	1
	Christensen, Raymond Johannes.....	Navy ³	<i>R</i>	Aug. 26, 1948	20	3
	Clark, Alan Fulgham.....	Alabama.....	<i>C</i>	June 28, 1948	17	6
	Clark, Allen, Jr.....	Texas.....	<i>C</i>	June 30, 1948	17	10
	Clark, Bryan Clay, Jr.....	Presidential.....	<i>R</i>	June 21, 1948	20	2
	Clarke, Lawrence Hutchinson, Jr.....	Navy.....	<i>S</i>	June 16, 1948	20	1
<i>tb</i>	Cleavenger, Samuel Demott, Jr.....	Marine Corps ²	<i>C</i>	Oct. 3, 1947	20	0
	Coble, Charles Ray, Jr.....	South Carolina.....	<i>S</i>	June 28, 1948	18	8
	Coiner, John Alfred.....	Michigan.....	<i>R</i>	June 30, 1948	17	9
	Coleman, John Robert Daniel.....	Illinois.....	<i>R</i>	July 14, 1948	22	1
	Coleman, Townsend Putnam, Jr.....	Marine Corps ²	<i>R</i>	June 18, 1948	19	8
	Collins, Harold Edward.....	Navy.....	<i>R</i>	June 16, 1948	21	11
	Collins, Harold Willard.....	Naval Reserve.....	<i>S</i>	June 21, 1948	21	8
	Collmer, Maurice Edward, II.....	Illinois.....	<i>C</i>	July 3, 1948	19	3
	Compton, Robert Evans Lincoln.....	California.....	<i>S</i>	July 8, 1948	17	9
	Congreve, William, III.....	Naval Reserve.....	<i>S</i>	June 30, 1948	18	9
	Conn, Lannie, Jr.....	Presidential.....	<i>S</i>	June 19, 1948	19	0
	Connelly, Robert Bailey.....	do.....	<i>S</i>	June 22, 1948	17	9
	Conover, John Cedric.....	Nebraska.....	<i>C</i>	July 14, 1948	18	11
	Cook, Jack Wilbur.....	Navy.....	<i>S</i>	June 17, 1948	19	11
	Cook, Jesse Strother, III.....	Presidential.....	<i>R</i>	June 21, 1948	20	8
	Cooke, Deane Miller.....	Navy ¹	<i>R</i>	Aug. 3, 1948	20	5
<i>1</i>	Cooke, Peter Stanfield.....	Marine Corps ²	<i>R</i>	June 18, 1948	21	9
	Cooke, Robert Alexander.....	Naval Reserve.....	<i>R</i>	June 21, 1948	18	6
	Cordes, Keith Donald.....	Navy.....	<i>R</i>	June 16, 1948	19	9
	Cornwell, Robert Zemp.....	Presidential.....	<i>R</i>	June 21, 1948	22	2
	Coski, Bernard "J".....	Navy.....	<i>S</i>	June 16, 1948	19	7
	Cosner, Wendell Ernest.....	Wyoming.....	<i>S</i>	July 21, 1948	19	2
	Costigan, Robert Andrew.....	Navy.....	<i>R</i>	June 16, 1948	20	11
	Cotten, Thomas Randolph, Jr.....	South Carolina.....	<i>C</i>	June 18, 1948	21	0
	Cotton, Bill Duane.....	Mississippi.....	<i>R</i>	June 19, 1948	18	7
<i>1</i>	Cotton, Sherwood Maurice.....	Illinois.....	<i>C</i>	do.....	19	5
	Coulter, Richard William.....	New York.....	<i>C</i>	July 14, 1948	19	3
	Council, Francis Elbert, Jr.....	Texas.....	<i>C</i>	July 21, 1948	19	5
	Courtney, Robert.....	Navy ¹	<i>R</i>	Aug. 2, 1948	20	7
	Cox, Mortimer West, Jr.....	Marine Corps ³	<i>S</i>	Aug. 11, 1948	20	5
	Craig, Charles Fremont.....	Navy.....	<i>R</i>	June 17, 1948	20	9
	Craven, Robert Campbell Ewing.....	Presidential.....	<i>R</i>	July 9, 1948	19	9
	Crews, James Ronald.....	New York.....	<i>C</i>	June 30, 1948	20	4
	Crist, Raymond Fowler, III.....	Presidential.....	<i>S</i>	June 21, 1948	17	10
	Crockett, John William.....	Montana.....	<i>C</i>	June 18, 1948	19	7
	Crouch, William Thomas, Jr.....	Texas.....	<i>C</i>	July 14, 1948	21	8
	Crouse, Richard Thomas.....	Marine Corps.....	<i>R</i>	June 23, 1948	20	10
	Crowell, James Britton, Jr.....	Tennessee.....	<i>C</i>	Sept. 22, 1948	20	5
	Crowley, Donald Alan.....	Presidential.....	<i>R</i>	June 21, 1948	18	11
	Cue, William Gordon.....	Naval Reserve.....	<i>S</i>	July 28, 1948	19	6
	Cumbaa, Walter "B".....	Navy ¹	<i>R</i>	June 17, 1948	19	8
<i>1</i>	Cummings, Duane Arthur.....	Nevada.....	<i>R</i>	June 21, 1948	20	2
	Curran, Robert Welch.....	Massachusetts.....	<i>S</i>	June 23, 1948	18	5
	Curtin, Pat.....	Navy.....	<i>R</i>	June 16, 1948	19	10
	Daley, Richard Forsythe.....	Wisconsin.....	<i>S</i>	June 21, 1948	19	10
<i>1</i>	Daniel, Elbert Pittenger.....	Navy.....	<i>R</i>	June 24, 1948	21	7
	Daniels, Edward Eugene.....	do.....	<i>S</i>	June 16, 1948	18	10
	Danielson, Darrell Curtis.....	Iowa.....	<i>S</i>	June 18, 1948	19	3

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Dapogny, Robert John	Missouri	S	July 9, 1948	18	6
	Darrell, Charles George	Massachusetts	C	do	18	8
	Davey, Donald Burton	Navy ¹	S	June 17, 1948	20	6
	Davis, Edward Eugene	Alabama	R	June 18, 1948	21	1
	Davis, Frederic Cornell	Nebraska	C	July 22, 1948	18	0
	Davis, Philip Carroll, Jr.	Marine Corps	R	June 30, 1948	21	11
	Davis, Robert Dean	Wyoming	C	July 9, 1948	19	6
	Deaton, William Allen	North Carolina	C	do	19	2
	Degnan, John Samuel	Pennsylvania	S	June 18, 1948	19	5
	Delahunty, William Randolph, Jr.	Marine Corps	R	June 17, 1948	19	7
	Delaney, Joseph Martin, Jr.	Navy	S	July 2, 1948	21	1
	Delaney, William John	Massachusetts	C	July 14, 1948	18	0
	Denbigh, Robert Sipp, Jr.	Navy	R	June 17, 1948	19	3
	Denfeld, Richard Eduard	South Dakota	S	Sept. 3, 1948	18	10
	Denny, Harry James	Naval Reserve	R	July 14, 1948	22	9
	Deppen, John Baird	Navy	S	Aug. 31, 1948	20	7
	Derr, John Patrick	Idaho	C	July 9, 1948	19	0
	Desroches, Sylvio Joseph, Jr.	New Hampshire	R	June 19, 1948	19	0
	DeWinter, Richard Edward	Michigan	S	June 30, 1948	18	3
	Dickelmann, John Michael	NROTC	S	Aug. 5, 1948	19	11
	Dickey, Roy Sterling	Marine Corps	R	June 16, 1948	19	3
	Dickinson, John Charles, Jr.	Arizona	C	July 3, 1948	19	0
	Dietz, Richard Clayton	Illinois	C	Sept. 3, 1948	19	0
	Dimmick, David Keating	NROTC	S	July 17, 1948	19	1
	Dimon, George Huntington, Jr.	do	R	June 21, 1948	18	5
	Dixon, Olin Lamar, III	Georgia	C	June 30, 1948	18	1
	Dodson, Clinton Festus, Jr.	North Carolina	C	June 28, 1948	18	4
	Dolan, John Francis	Michigan	S	July 14, 1948	18	4
	Dondey, Leon	Marine Corps	S	June 16, 1948	20	0
	D'Orso, James Nicholas	Naval Reserve	S	June 21, 1948	18	1
	Doughan, Joseph Peter	Connecticut	S	July 9, 1948	17	4
	Dow, Maynard Weston	Naval Reserve	S	June 30, 1948	19	1
	Drake, William David	Alabama	S	July 9, 1948	17	11
	Drews, Sheldon	New York	S	July 24, 1948	17	9
	Driver, Glenn Clark, Jr.	Indiana	S	July 3, 1948	18	7
	Duckett, Philip Van Horne Lans- dale	Presidential	R	June 28, 1948	18	6
	Dunn, William Walton	Texas	S	July 9, 1948	17	9
	Dyer, George Thomas, Jr.	Maine	S	June 18, 1948	19	5
	Dykers, Thomas Michael, Jr.	Presidential	R	June 24, 1948	17	6
	Eames, Eugene George	Massachusetts	S	July 9, 1948	20	7
b 18	Earl, William Clyde	Illinois	S	Sept. 1, 1948	22	3
	Ebbert, Edwin Leigh	Oregon	C	July 24, 1948	19	2
	Eddy, William Crawford, Jr.	Presidential	S	June 22, 1948	17	3
	Eddy, William Paul, III	Connecticut	R	July 3, 1948	17	7
	Edebohs, Hans Gunther	California	C	June 18, 1948	21	1
1	Egert, Clarence Richard	Marine Corps ²	R	June 30, 1948	18	9
	Egert, Lowell Franklin	Wisconsin	S	June 21, 1948	19	4
	Eisele, Donn Fulton	Ohio	S	July 9, 1948	18	1
	Ellis, Dale Forrest	Navy ¹	S	July 28, 1948	19	0
	Ellis, David Eugene	California	R	June 18, 1948	18	5
	Ellis, Lloyd Dubart	Texas	R	do	21	5
	Ellison, John Cooley	Utah	R	June 21, 1948	19	6
	Elmwood, Robert Edwin	Marine Corps	R	June 17, 1948	19	7
	Elrod, William Herbert, Jr.	Colorado	S	June 18, 1948	19	2
	Enderle, Maurice Allan	California	S	do	19	6

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Engquist, Gordon Wendell.....	Minnesota.....	<i>S</i>	July 3, 1948	17	4
	Enos, Ralph Lindsay.....	Illinois.....	<i>S</i>	Sept. 10, 1948	17	11
	Eplett, James Douglas.....	Connecticut.....	<i>S</i>	do.....	17	8
	Eshman, John Robert.....	Ohio.....	<i>S</i>	Sept. 22, 1948	18	11
	Etheridge, Coy Eugene, Jr.....	North Carolina.....	<i>R</i>	June 19, 1948	19	5
	Evans, William Ashby, Jr.....	Florida.....	<i>R</i>	June 18, 1948	19	7
	Fabiano, Charles Ernest.....	Marine Corps ²	<i>R</i>	June 17, 1948	19	10
	Faessel, Matthew William.....	Navy ¹	<i>S</i>	July 29, 1948	20	3
	Fain, William Lee.....	do. ¹	<i>R</i>	July 3, 1948	20	11
	Fakoury, Ernest Peter.....	Connecticut.....	<i>S</i>	July 14, 1948	18	2
	Falgoust, Jean Barry.....	Naval Reserve.....	<i>S</i>	June 30, 1948	18	9
	Farrar, Richard Ray.....	Pennsylvania.....	<i>S</i>	do.....	20	1
	Farrell, Joseph Aloysius, III.....	Presidential.....	<i>S</i>	Aug. 14, 1948	19	2
	Fay, Edward Stanislaus.....	Naval Reserve.....	<i>S</i>	June 30, 1948	21	9
	Federico, Charles Domenick.....	New York.....	<i>S</i>	June 22, 1948	18	1
	Feely, Robert John.....	Navy.....	<i>R</i>	June 16, 1948	21	11
	Feller, Donald Lee.....	Naval Reserve.....	<i>S</i>	June 30, 1948	18	10
	Fellerman, Keith David.....	Navy.....	<i>R</i>	June 17, 1948	19	10
	Fellingham, Robert Walter.....	Iowa.....	<i>S</i>	July 21, 1948	18	2
	Fenick, Michael John.....	Navy.....	<i>R</i>	June 18, 1948	20	8
	Ferguson, Harry Lee, III.....	Presidential.....	<i>R</i>	June 21, 1948	18	10
	Few, Floyd Jefferson.....	Navy.....	<i>S</i>	June 16, 1948	21	0
	Firth, Forrest "E".....	Colorado.....	<i>S</i>	July 3, 1948	19	2
	Fischer, Harold James.....	Marine Corps.....	<i>R</i>	June 16, 1948	19	8
	Fischer, James Elry.....	Presidential.....	<i>S</i>	June 22, 1948	19	2
	Fisher, William Gooding, Jr.....	do.....	<i>S</i>	June 25, 1948	19	2
	Fitts, Jean Milton.....	Navy.....	<i>R</i>	June 16, 1948	20	8
	Fleeman, Frederick Marlowe.....	NROTC.....	<i>S</i>	June 21, 1948	19	5
	Fleeson, Richard James.....	Kansas.....	<i>S</i>	July 14, 1948	19	4
	Flick, Arthur Bernard, Jr.....	New York.....	<i>R</i>	June 19, 1948	18	5
	Florestano, Ernest James.....	Marine Corps ²	<i>R</i>	July 8, 1948	20	3
	Fogarty, Michael John.....	Navy.....	<i>R</i>	Aug. 31, 1948	20	6
	Foley, John Joseph, Jr.....	Michigan.....	<i>C</i>	June 28, 1948	19	2
	Ford, Leon Elwood, Jr.....	Maryland.....	<i>S</i>	June 23, 1948	18	3
	Ford, Richard Hager.....	Connecticut.....	<i>S</i>	Aug. 11, 1948	18	4
	Fortmeyer, Raymond Dale.....	Marine Corps.....	<i>R</i>	June 16, 1948	22	9
	Foster, John Fyan.....	Missouri.....	<i>C</i>	Sept. 1, 1948	21	2
	Frank, Lawrence Fred.....	Naval Reserve.....	<i>R</i>	June 23, 1948	19	4
¹	Frederick, Clarence Henry.....	Marine Corps.....	<i>R</i>	June 16, 1948	21	1
	French, Robert Torbet.....	West Virginia.....	<i>C</i>	June 22, 1948	19	3
^{b 18}	French, Walter Hunt, Jr.....	Ohio.....	<i>S</i>	June 1, 1948	20	2
	Friedman, Karl Morris.....	Georgia.....	<i>C</i>	July 14, 1948	20	4
	Fudala, Francis Alexander.....	Navy ¹	<i>R</i>	July 21, 1948	20	8
	Fuelling, Paul William, Jr.....	Honor Naval School.....	<i>S</i>	Aug. 5, 1948	19	3
	Fuller, James George.....	Washington.....	<i>S</i>	July 3, 1948	18	6
	Fuller, John Paul.....	Oklahoma.....	<i>C</i>	July 14, 1948	18	11
	Fuller, Robert John.....	Marine Corps ²	<i>R</i>	Aug. 2, 1948	19	4
	Fulmer, John Gordon.....	Minnesota.....	<i>R</i>	June 19, 1948	19	2
	Funk, Rabey James.....	Texas.....	<i>R</i>	June 22, 1948	20	1
	Gagliardo, Joseph Peter, Jr.....	Ohio.....	<i>C</i>	July 9, 1948	19	0
	Gahn, Dennis Brian.....	Louisiana.....	<i>S</i>	June 30, 1948	21	4
	Gair, Bruce Otto.....	Pennsylvania.....	<i>C</i>	June 21, 1948	20	10
	Gallinger, William Davis.....	Illinois.....	<i>C</i>	Aug. 6, 1948	19	9
	Garland, Daniel Harper.....	Louisiana.....	<i>S</i>	June 19, 1948	17	11
	Gay, Robert Anson.....	Arizona.....	<i>R</i>	June 23, 1948	19	5

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Genter, Ernest Redfield, Jr.	Utah	C	Aug. 5, 1948	19	5
	George, George Abraham	Navy	S	June 16, 1948	19	10
	Geriak, Richard	New York	S	June 19, 1948	19	10
	German, Paul King, Jr.	Marine Corps	S	June 17, 1948	20	10
	Giles, Charles Walton	West Virginia	S	June 22, 1948	18	4
	Gillcrst, Paul Thomas	Washington	C	June 18, 1948	19	3
	Gilligan, Eugene Francis, Jr.	North Dakota	S	June 19, 1948	18	11
	Girard, Raymond Francis, Jr.	Massachusetts	S	June 18, 1948	19	4
	Givens, Edward Galen, Jr.	Texas	C	do	18	5
	Goelzer, Richard Wayne	West Virginia	S	Aug. 24, 1948	19	5
	Gonsalves, Lenine	Massachusetts	S	June 23, 1948	20	7
	Goode, Neomiah Eugene, Jr.	North Carolina	C	June 30, 1948	19	0
	Gooding, William James, Jr.	South Carolina	S	do	17	9
	Gorman, Robert Hinds	Nevada	R	June 19, 1948	20	0
	Goslin, Thomas Clinton, Jr.	Naval Reserve	S	June 22, 1948	20	0
	Gottesman, Jerome William	New Jersey	S	June 19, 1948	17	10
	Gragg, Walter Lee, Jr.	Michigan	C	Aug. 27, 1948	19	6
	Graham, James Rodney, Jr.	West Virginia	C	July 7, 1948	20	1
	Grammer, Frederick Edward, Jr.	Washington	C	July 3, 1948	18	10
	Grant, Richard Thomas	Ohio	R	June 19, 1948	18	5
	Gray, Harvey, Jr.	Arkansas	R	June 23, 1948	19	3
	Gray, Walter Scott, III	New Hampshire	C	June 28, 1948	20	5
	Greer, Edward Francis, Jr.	Massachusetts	C	July 14, 1948	19	0
	Gregory, Richard Kent	Marine Corps	R	June 17, 1948	20	0
	Gribb, John	New York	C	June 28, 1948	18	10
	Griffin, Thomas Lee, Jr.	South Carolina	C	June 18, 1948	19	4
	Griffing, Donald Alford	Kansas	R	June 19, 1948	19	2
	Grimes, Fred Michael	Marine Corps	S	June 28, 1948	20	7
	Gronewold, George Frederick, Jr.	Michigan	S	June 23, 1948	17	4
	Gronlund, Thomas Richard	do	S	July 9, 1948	18	6
	Gross, Ralph, Jr.	New York	R	June 19, 1948	20	11
	Grover, David Beckham	Kentucky	S	July 2, 1948	20	1
	Gruppe, Henry Emile	Massachusetts	R	June 18, 1948	19	0
	Gulley, Robert Bracy	Arkansas	C	June 30, 1948	19	1
	Gunther, Donald Everett	Presidential	R	June 21, 1948	17	7
	Gurney, Charles Edwin, III	Maine	S	July 12, 1948	18	1
	Gustavson, Arthur Robert	New York	C	July 3, 1948	18	6
	Guzman, Santiago, Jr.	Texas	C	July 9, 1948	20	3
	Haaren, John Arthur	New York	S	July 3, 1948	19	3
	Hackett, John Joseph	Marine Corps	S	June 16, 1948	20	3
	Hagan, James Stokes	Pennsylvania	S	July 3, 1948	18	5
	Haggard, Howard Frank	Alabama	C	June 28, 1948	19	5
	Haggin, Joseph Harold Stephen	Illinois	S	June 19, 1948	18	8
	Haines, Frederick Sidney, III	Washington	S	July 3, 1948	18	6
	Hall, Clifton Elwood, Jr.	Marine Corps	R	June 28, 1948	20	5
	Hamil, Thomas Arthur	Navy ¹	R	Aug. 9, 1948	20	4
b	Hamilton, Roger Ready	Presidential	R	Aug. 4, 1948	19	1
	Hamilton, Walter Scott	Oklahoma	C	June 18, 1948	22	0
	Hanna, Robert Arnold	Indiana	S	June 28, 1948	18	11
	Hannegan, Frank Nebeker	Presidential	S	June 23, 1948	17	11
	Hansen, Robert Frederick	Naval Reserve	S	Aug. 25, 1948	20	2
	Hansen, Whitney	Washington	S	July 3, 1948	17	8
	Hardesty, John Frederick	Naval Reserve	S	June 28, 1948	18	4
	Hardisty, Huntington	North Carolina	C	do	19	5
	Harper, Rollin Hill, Jr.	Missouri	R	June 19, 1948	18	11

¹ Charged to quota from Naval Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholasti- cally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
tb	Harrington, Lester Garth.....	Marine Corps ²	R	June 17, 1948	19	7
	Hart, Richard Leland.....	California.....	C	July 10, 1948	18	4
	Harthorn, William George.....	Maine.....	S	July 9, 1948	17	10
	Hartley, John Donald.....	Indiana.....	S	June 11, 1947	21	5
	Hartranft, Milton Lee.....	Naval Reserve.....	S	June 21, 1948	20	10
	Hatcher, George Martin.....	Navy.....	R	June 30, 1948	20	1
	Hattin, Ronald Farrell.....	Connecticut.....	S	do.....	18	1
	Hauff, Frank William, Jr.....	Missouri.....	S	June 22, 1948	18	8
	Hazlett, Wendell Thomas.....	Navy ¹	R	June 17, 1948	20	5
	Headley, Allen Brundage.....	New York.....	S	June 19, 1948	20	3
	Hedberg, Arthur Jerome, Jr.....	Minnesota.....	S	June 28, 1948	19	0
	Hedges, Ralph Richard.....	Navy.....	S	June 16, 1948	20	8
	Heffernan, George Aubin.....	New York.....	C	June 30, 1948	17	3
	Helland, Gerald Herbert.....	Pennsylvania.....	S	Sept. 22, 1948	19	3
	Helsel, James Francis.....	Marine Corps.....	S	June 16, 1948	20	3
	Henderson, William Simpson, Jr.....	Wisconsin.....	R	June 21, 1948	19	0
	Henry, Charles William, Jr.....	Marine Corps ²	R	July 14, 1948	19	3
	Hess, Adolph William, Jr.....	do. ²	R	June 17, 1948	19	1
	Hester, Harold Hayne.....	Mississippi.....	C	July 10, 1948	19	0
	Hester, Keete Lockett.....	Louisiana.....	C	July 21, 1948	18	11
	Hewitt, Lester Rolin, Jr.....	California.....	C	June 28, 1948	20	1
	Hicks, Edward Harold, Jr.....	Naval Reserve.....	S	do.....	19	2
	Hicks, Harold Francis, Jr.....	Navy.....	S	June 16, 1948	20	9
	Hicks, Lawrence Frederick.....	Kentucky.....	C	June 30, 1948	18	6
	Hilfrank, William Edward.....	Massachusetts.....	C	June 18, 1948	21	0
	Hill, Robert Edmond.....	Presidential.....	S	do.....	18	4
	Hilland, Carl Boyd.....	Maryland.....	S	June 19, 1948	17	11
	Hine, Robert Edmond.....	California.....	R	June 18, 1948	22	6
	Hines, Frank Lewis.....	Indiana.....	C	June 30, 1948	21	6
	Hipple, William John.....	Pennsylvania.....	S	June 25, 1948	18	6
I	Hittle, Kenneth Earl.....	Presidential.....	R	June 21, 1948	19	10
	Hodges, Jerol Richard.....	Navy.....	S	June 17, 1948	20	2
	Hoffman, Eugene Ray.....	California.....	C	July 24, 1948	20	2
	Hoge, James Howard.....	Wisconsin.....	S	July 3, 1948	17	8
	Holland, Joel Kent.....	Arkansas.....	R	Aug. 11, 1948	20	5
	Hollick, Frederick Basil.....	Navy ¹	S	July 21, 1948	19	9
	Holmes, Lee Maurice.....	Presidential.....	S	June 21, 1948	17	6
	Holmes, William Patton.....	New York.....	S	June 30, 1948	17	5
	Holzwarth, Robert Frederick.....	Illinois.....	R	June 19, 1948	21	1
	Honaker, Jim Scott.....	Oklahoma.....	S	June 24, 1948	18	6
	Honeywell, James Owens, Jr.....	Maryland.....	S	June 25, 1948	18	8
	Horn, Donald Noel.....	New York.....	S	Aug. 11, 1948	19	8
	Horne, Charles Francis, III.....	Presidential.....	S	July 9, 1948	17	4
	House, Harry Merritt.....	Oklahoma.....	C	June 18, 1948	19	9
	Houston, Jesse Barnes, Jr.....	Alabama.....	C	June 28, 1948	19	9
	Howard, Jimmie Lee.....	Marine Corps.....	R	Aug. 30, 1948	20	3
	Howell, Robert Lynn.....	Missouri.....	S	June 23, 1948	18	4
	Hoyt, William Brenner.....	NROTC.....	S	July 21, 1948	20	3
	Hubbard, Rufus George.....	Virginia.....	S	July 9, 1947	18	5
	Hudgens, Albert Neil.....	Alabama.....	S	June 18, 1948	19	0
tb	Hughes, Wayne Philo, Jr.....	Illinois.....	S	Aug. 5, 1948	18	2
	Hull, George Thomas.....	Missouri.....	R	June 19, 1948	17	5
	Hunt, Harvison.....	Honor Military School.....	S	Aug. 13, 1948	18	4
	Hunter, Thomas Holland, Jr.....	Maine.....	S	July 16, 1948	18	6

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Symbol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
b 20	Hutton, John Edward, Jr.	Naval Reserve	R	June 23, 1948	21	5
	Hyndman, Gerald Henry	Kansas	R	June 21, 1948	19	4
	Iannotti, Lawrence William	Connecticut	S	June 22, 1948	18	10
	Isemann, Frederick Joseph, Jr.	Presidential	S	July 9, 1948	17	4
	Ingalls, Jack Francis, III	New York	R	Aug. 4, 1948	21	10
	Inman, John Price	Missouri	C	June 28, 1948	19	0
	Isidoro, Robert Joseph	California	C	July 24, 1948	19	2
	Jackson, Arthur Duane	Ohio	S	July 28, 1948	18	7
	Jackson, Dempster McKee	California	S	June 18, 1948	17	7
	Jacob, Robert Earl	Navy	S	June 16, 1948	19	10
	Jacob, Thomas Harrison	Navy ¹	S	July 29, 1948	19	11
	Jacobson, William Anthony	Indiana	R	June 19, 1948	17	10
	Jameson, Henry Chester, Jr.	Navy	R	June 16, 1948	21	10
	Jaros, Joseph Andrew	Naval Reserve	S	June 28, 1948	20	3
	Jayne, Gordon Howland	Navy	R	June 17, 1948	20	5
	Jeffries, John Warren	Indiana	S	June 19, 1948	19	8
	Jensen, Donald Eugene	Wisconsin	R	June 21, 1948	17	8
	Johnson, Clarence Louis	Navy ¹	R	July 6, 1948	20	11
	Johnson, Donald Lloyd	Honor Naval School	S	July 24, 1948	18	0
	Johnson, Donald Metz	South Dakota	C	Aug. 25, 1948	18	10
b 18	Johnson, Frederick Charles	Navy	S	June 17, 1948	22	9
	Johnson, Paul Wayne	Marine Corps	R	June 16, 1948	20	10
	Johnson, Roger Wayne	do	S	do	20	0
	Johnston, Lawrence LeGrand	Public Law 229	R	June 1, 1948	21	6
	Johnston, Richard Lindy	Navy	S	June 16, 1948	20	1
	Jones, John Lindley	Marine Corps	R	do	19	6
	Jones, John Paul	Ohio	S	June 19, 1948	18	10
	Jones, Robert Donovan	Massachusetts	S	July 17, 1948	17	10
	Jones, Vincent William, Jr.	Navy ³	R	Sept. 16, 1948	21	4
	Jones, Wilson McClaran	Naval Reserve	S	July 24, 1948	19	6
	Jordan, Roy Harding	Tennessee	C	July 9, 1948	19	4
	Josephson, Henning Carl	Navy ¹	R	July 12, 1948	19	11
	Joyce, Robert Thomas	Delaware	S	June 18, 1948	18	8
	Joye, Clealand Mason, Jr.	Navy	S	June 16, 1948	19	6
	Julian, Thomas Anthony	California	R	June 23, 1948	18	3
	Kamienski, Richard Joseph	New York	S	July 16, 1948	17	9
	Kampe, Robert Frederick	Connecticut	S	June 18, 1948	18	10
	Kanakanui, Richard Dwight	Presidential	S	June 30, 1948	19	0
	Kane, Franklin	Marine Corps ²	R	June 17, 1948	21	1
	Karbus, Joseph Eugene	Navy	R	June 16, 1948	19	1
	Karvala, Curtis Arnold	Naval Reserve	S	June 30, 1948	18	3
	Keane, James Philip	Massachusetts	S	do	19	6
	Keifert, Darrell Clinton	Colorado	R	June 18, 1948	18	2
	Kellam, Frank Milton, Jr.	Naval Reserve	S	July 14, 1948	18	1
	Kelln, Albert Lee	Oklahoma	C	June 30, 1948	18	6
	Kelly, Robert Charles	Arkansas	R	June 18, 1948	19	4
	Kelly, William Bernard	Honor Naval School	S	Aug. 5, 1948	18	0
	Kennedy, William Bowdoin	Naval Reserve	S	June 21, 1948	18	10
	Kennon, John Warren	Presidential	R	do	19	11
	Kermes, Albert Jack	Navy ¹	R	July 28, 1948	19	8
	Kerr, Larry Bailey	Idaho	R	Aug. 14, 1948	18	7
	Kershaw, Daniel Joseph	Navy	R	June 16, 1948	20	7
	Kersteen, Richard Elmer	Naval Reserve	S	June 23, 1948	18	9
	Keyte, Edward Lyon, Jr.	Pennsylvania	S	June 19, 1948	17	7

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholast- ically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Kiechel, Doane Frederick, Jr.	Nebraska	C	July 12, 1948	20	7
	Kilduff, Paul Edmund	Massachusetts	S	July 10, 1948	18	10
	King, Edwin Harris, Jr.	Delaware	C	July 14, 1948	19	8
	King, Jack Preston	Marine Corps ³	R	Aug. 9, 1948	20	10
	King, James Carl, Jr.	Navy	R	June 17, 1948	19	10
	Kirk, William Leroy	Tennessee	S	Sept. 10, 1948	18	0
	Klein, Eugene George, Jr.	Marine Corps	S	June 16, 1948	19	8
tb	Knapp, Walter Charles	Vermont	S	July 12, 1947	18	1
	Knight, Robert Harold	Marine Corps	R	June 16, 1948	21	0
	Knipple, Herbert Carl	Wisconsin	C	July 3, 1948	18	11
	Knowles, Arthur Duggan	California	C	June 18, 1948	19	4
	Knutson, Wilbert Duane	North Dakota	C	July 14, 1948	19	0
	Koger, Gerald Herman	Marine Corps ²	S	June 18, 1948	20	5
	Kooch, Jack Wendell	Marine Corps	R	June 16, 1948	23	2
	Kosmela, Walter Theodore	Navy ¹	S	June 17, 1948	21	9
	Kovarick, Frank Lutter	Pennsylvania	C	Aug. 5, 1948	20	7
	Kraft, Frederick Wendell	Presidential	R	June 21, 1948	17	7
	Kubal, George Jerome	Wisconsin	S	do	18	6
	Kummerow, Ray Gilbert	Missouri	S	Aug. 11, 1948	19	5
	Kuncas, John William	Navy	R	June 16, 1948	22	4
	Kunze, Martin Wilckens	New Jersey	S	June 21, 1948	18	11
	Kyle, John Shepherd	Marine Corps	R	June 17, 1948	20	3
	Lackey, Harry Alfred, II	Pennsylvania	S	July 14, 1948	17	11
	Lacy, Joe Richard	Navy	R	June 17, 1948	19	11
	Ladas, Basil John	Marine Corps ²	R	June 18, 1948	20	2
b 18	Laighton, Robert Haley	New Hampshire	R	June 1, 1948	22	8
	Lallement, Maurice Italo	Kansas	C	June 28, 1948	18	5
	Lambert, Lloyd Milton, Jr.	California	S	June 18, 1948	19	1
	Lambert, Phillip Edward	West Virginia	C	July 14, 1948	19	1
	LaMoy, Elwin Francis	Vermont	C	July 3, 1948	19	9
	Lancaster, Robert William	Kansas	R	June 19, 1948	20	3
	Lane, Frank Will	Alabama	C	Sept. 18, 1948	20	0
	Langford, John McClellan	Naval Reserve	S	June 21, 1948	18	6
	Langloh, Walther Gusteav	Navy ³	R	Aug. 16, 1948	20	5
	Larimer, Walker Ames	Navy ¹	S	do	19	10
	Larom, Henry Nash	Naval Reserve	R	June 21, 1948	18	6
	Larsen, Lars Peter	Pennsylvania	S	do	19	3
	Larsen, Richard Lee	Louisiana	C	July 9, 1948	19	2
	Larsen, William Washington, III ..	Georgia	R	June 19, 1948	17	10
	Laulor, Richard John	Naval Reserve	S	June 30, 1948	21	2
	Laux, William Joseph, Jr.	Minnesota	S	June 28, 1948	18	3
	Lavin, Charles Vincent	Navy	R	June 17, 1948	21	2
	Lay, James Odo	do	R	June 16, 1948	19	1
	Layman, Lawrence	Missouri	C	July 9, 1948	17	8
	Leedy, Myron, Jr.	Presidential	R	June 21, 1948	17	8
	LeMoal, Andrew Yves	Naval Reserve	S	do	21	8
	Lenox, Glen Walter	Kentucky	C	June 30, 1948	19	9
	Leonard, Edward Jones	Pennsylvania	C	July 9, 1948	18	4
	Lepthien, William Gilmore	Wisconsin	R	June 21, 1948	17	9
	Leslie, John Lewis, Jr.	Alabama	C	Sept. 15, 1948	20	2
	Lester, George William, Jr.	Louisiana	C	June 30, 1948	17	9
tb	Lewis, Harold Michael James, Jr.	New York	C	June 12, 1947	19	4
	Lewis, Harold Paul	Navy ¹	R	Aug. 6, 1948	19	0
	Lewis, Robert Dean	New Jersey	S	Sept. 10, 1948	18	7

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Lidel, Carl John.....	South Dakota.....	R	July 12, 1948	19	3
	Lindsay, Prentice Albert.....	Marine Corps.....	S	Aug. 28, 1948	19	6
	Link, James Frederick.....	Iowa.....	S	June 28, 1948	18	6
	Liontas, Nicholas Arthur.....	New Hampshire.....	S	do.....	20	2
	Little, Curtis Elmore.....	Marine Corps.....	R	June 17, 1948	22	2
	Locke, Walter Michael.....	Naval Reserve.....	R	June 28, 1948	18	3
	Lockwood, Douglas Leonard.....	New York.....	S	June 19, 1948	20	9
	Lockwood, Forrest Patterson.....	Connecticut.....	S	July 3, 1948	18	1
	Lohman, William Douglas, Jr.....	North Carolina.....	C	do.....	20	5
tb 1	Lombard, Rivard Eugene.....	Navy.....	R	June 16, 1947	20	3
	Loposer, Avery Kenneth, Jr.....	Alabama.....	C	July 14, 1948	17	11
	Lossing, Fay Allan, Jr.....	Mississippi.....	C	July 3, 1948	18	8
	Lovell, James Arthur, Jr.....	Wisconsin.....	C	July 2, 1948	20	3
	Luckett, Thomas William.....	Iowa.....	C	July 14, 1948	19	5
	Lumsden, Richard Elbyrne.....	Virginia.....	S	do.....	18	9
	Lusby, William Arthur, Jr.....	Naval Reserve.....	R	June 21, 1948	19	4
	Lutz, Theodore Joseph, Jr.....	do.....	R	June 23, 1948	18	5
	Lykes, William Frank Gibbes.....	Navy.....	R	June 17, 1948	19	10
	Lyons, James Aloysius, Jr.....	Naval Reserve.....	S	July 14, 1948	20	10
	Lyons, Richard Curtis.....	Wisconsin.....	C	June 18, 1948	19	9
	Lyons, Thomas William, Jr.....	Rhode Island.....	R	June 22, 1948	19	11
	MacDonald, William Palmer.....	Michigan.....	R	June 19, 1948	17	10
	MacLafferty, Paul Stonebraker.....	Iowa.....	S	June 30, 1948	17	4
	MacLean, John Ewing.....	New York.....	R	June 18, 1948	19	7
b	Macomber, Michael Dimitri.....	Indiana.....	R	Aug. 4, 1948	19	7
	Macomber, Victor Kingsland.....	New York.....	S	July 14, 1948	17	11
	MacPherson, John Joseph.....	Navy.....	R	June 17, 1948	19	7
	Maich, Robert Charles.....	Colorado.....	C	Aug. 18, 1948	20	2
	Malament, Jerome Morton.....	Navy.....	R	June 16, 1948	20	3
	Malmgren, Everett Louis.....	Marine Corps.....	S	June 17, 1948	20	2
	Maloney, Peter Michael.....	Illinois.....	S	July 9, 1948	17	8
	Manara, Vincent Joseph, Jr.....	New Jersey.....	S	June 30, 1948	17	8
	Manfredi, John Philip.....	Navy ¹	R	June 17, 1948	19	9
	Manning, Martin Francis, Jr.....	Marine Corps ²	R	July 12, 1948	19	3
	Manring, Charles David.....	NROTC.....	S	June 21, 1948	18	10
	Marchand, Jean Maurice.....	Naval Reserve.....	S	June 23, 1948	19	0
	Marchel, Jacob Corman.....	Pennsylvania.....	S	June 30, 1948	18	6
	Markum, Joseph Aloysius, Jr.....	Naval Reserve.....	S	June 25, 1948	21	10
	Marshall, John Crosby.....	Navy ¹	R	June 30, 1948	19	3
	Martin, Clyde Desmond, Jr.....	North Carolina.....	C	July 14, 1948	19	1
	Martin, William Donald, Jr.....	Naval Reserve.....	S	June 25, 1948	18	1
	Masi, Joseph Louis.....	New York.....	C	Aug. 25, 1948	18	7
	Mason, Albert Grant.....	Pennsylvania.....	R	June 19, 1948	18	3
	Mason, Lewis Henry.....	Naval Reserve.....	S	June 28, 1948	18	7
	Masse, Donald Michael.....	do.....	S	June 23, 1948	18	1
	Mathers, Robert Gilbert.....	Navy ¹	S	June 17, 1948	19	10
	Mathis, Thomas Ronald.....	Arkansas.....	C	June 30, 1948	19	1
	Maughan, William Patrick.....	Pennsylvania.....	S	do.....	18	3
	Mauldin, Mack, Jr.....	Arkansas.....	C	July 3, 1948	21	1
	Maxson, William Burdette.....	Ohio.....	S	June 30, 1948	17	10
	May, David Chapin, Jr.....	California.....	S	July 9, 1948	17	5
	Mayer, John Henry.....	Navy.....	R	July 6, 1948	20	1
	McAneny, Alan Murdock.....	Marine Corps ²	R	June 17, 1948	20	1
	McAuliffe, Donald Francis.....	Illinois.....	R	July 17, 1948	20	9
	McCabe, Joe Bob.....	Navy ¹	R	June 17, 1948	20	1

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholastic- ally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	McCafferty, William Edward.....	Iowa.....	<i>S</i>	June 21, 1948	23	0
	McC Campbell, John Donald, Jr.....	Minnesota.....	<i>R</i>	June 19, 1948	21	10
	McCandless, John Richard.....	Marine Corps.....	<i>R</i>	June 17, 1948	19	4
	McCarty, Richard William.....	Navy ¹	<i>R</i>	July 12, 1948	20	0
	McCollum, Arthur Howard, Jr.....	Presidential.....	<i>S</i>	July 9, 1948	17	11
	McConnell, William Ellsworth.....	Ohio.....	<i>R</i>	June 22, 1948	18	5
	McCormick, Perry Lee.....	Navy ¹	<i>R</i>	Sept. 15, 1948	18	9
	McCowan, Robert Conrad.....	Naval Reserve.....	<i>S</i>	June 22, 1948	19	2
	McCutcheon, Edwin Lage.....	Nevada.....	<i>C</i>	Aug. 5, 1948	19	3
	McDonald, Charles Chalmers.....	North Carolina.....	<i>S</i>	July 14, 1948	18	2
	McDonald, Francis Edward.....	Navy.....	<i>R</i>	June 17, 1948	19	7
	McDonald, Robert Patrick.....	Colorado.....	<i>C</i>	June 18, 1948	20	1
	McEvers, Robert Darwin.....	Missouri.....	<i>C</i>	July 10, 1948	18	2
	McEwen, Thomas Carothers, Jr.....	Tennessee.....	<i>C</i>	July 3, 1948	18	8
	McFeeters, James Richard.....	Wyoming.....	<i>S</i>	July 24, 1948	19	9
	McGaughy, Richard Wayne.....	Ohio.....	<i>S</i>	July 3, 1948	18	4
	McGee, Bernard Joseph.....	New York.....	<i>C</i>	do.....	20	2
	McGowan, Joseph James, Jr.....	Illinois.....	<i>S</i>	July 28, 1948	18	3
	McGuane, Allan.....	Marine Corps.....	<i>R</i>	June 17, 1948	19	11
	McKeown, John Mayo.....	Oklahoma.....	<i>C</i>	June 18, 1948	19	4
	McKinley, Jack Stanley.....	Ohio.....	<i>R</i>	June 28, 1948	19	4
	McLafferty, Francis Richard.....	Illinois.....	<i>R</i>	July 16, 1948	18	10
	McLawhorn, Nicholas Leon, Jr.....	North Carolina.....	<i>S</i>	Aug. 5, 1948	20	9
	McMillan, David Rice, Jr.....	California.....	<i>S</i>	June 30, 1948	18	9
	McMillan, Louis Kelly, Jr.....	Arkansas.....	<i>C</i>	July 14, 1948	19	5
	McNeely, James Sproule.....	Louisiana.....	<i>C</i>	July 13, 1948	22	1
	McPadden, Donald Francis Xavier.....	Public Law 229.....	<i>S</i>	June 30, 1948	21	0
	McRorie, Chester Earl.....	Marine Corps ²	<i>R</i>	July 3, 1948	20	4
	McWilliam, John Robert.....	Illinois.....	<i>R</i>	Sept. 20, 1948	22	8
	Mead, Theodore Edward.....	New York.....	<i>S</i>	June 19, 1948	19	1
	Meder, John O'Connor, Jr.....	Honor Naval School.....	<i>S</i>	June 28, 1948	17	3
	Meeks, Thomas Leland.....	Kentucky.....	<i>S</i>	July 3, 1948	18	2
	Melchor, Alejandro, Jr.....	Republic of the Philip- pines.....	<i>S</i>	Sept. 18, 1948	18	5
	Meltzer, Melvin.....	Marine Corps ²	<i>R</i>	June 17, 1948	20	1
	Mercer, Stanley Lee.....	Nebraska.....	<i>R</i>	June 22, 1948	18	8
tb 1	Mercier, Robert Paul.....	Wisconsin.....	<i>C</i>	Aug. 7, 1947	19	0
	Michaels, Robert John.....	Navy.....	<i>S</i>	June 16, 1948	20	8
	Miles, William Beall.....	Presidential.....	<i>R</i>	June 21, 1948	19	3
	Miller, Bruce Alan.....	New York.....	<i>S</i>	Aug. 5, 1948	18	0
	Miller, Francis Harold.....	Naval Reserve.....	<i>R</i>	July 3, 1948	19	1
	Milliman, Crosby.....	Connecticut.....	<i>C</i>	July 9, 1948	19	9
	Mintz, Milton John.....	Navy ¹	<i>R</i>	June 18, 1948	20	6
	Mitchell, Harry Martin.....	Pennsylvania.....	<i>C</i>	June 25, 1948	18	11
	Mitchell, John Robert Cummings.....	Marine Corps Reserve.....	<i>S</i>	July 3, 1948	18	11
	Mitchell, Leland Gayle.....	Illinois.....	<i>S</i>	do.....	17	11
	Money, William Clifford.....	Marine Corps.....	<i>S</i>	June 16, 1948	20	2
	Monopoli, Richard Vito.....	Rhode Island.....	<i>S</i>	July 9, 1948	17	8
	Montgomery, Daniel.....	Marine Corps.....	<i>R</i>	June 17, 1948	19	11
	Moody, Thomas John.....	Connecticut.....	<i>S</i>	July 8, 1948	18	1
	Moore, Arthur Henry.....	Pennsylvania.....	<i>S</i>	June 19, 1948	19	9
	Moore, Charles Edward.....	Naval Reserve.....	<i>R</i>	June 23, 1948	18	11
	Moore, Virgil Wayne, Jr.....	California.....	<i>S</i>	June 18, 1948	20	8
	Moore, William Minges.....	Navy.....	<i>R</i>	June 17, 1948	23	2

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Symbol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying schol- astically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Moravec, Robert.....	Minnesota.....	R	July 16, 1948	19	4
	Morel, Silva Manuel de Jesus.....	Republic of Mexico.....	R	July 2, 1948	18	4
	Morelli, Frank Patrick.....	Navy ³	R	Aug. 18, 1948	20	5
	Morgan, Harry Thompson, Jr.....	Navy.....	S	June 16, 1948	20	9
	Morgan, Joseph Railton.....	Naval Reserve.....	S	July 3, 1948	19	1
	Morgenthaler, Wendell Phillips Crabbe, Jr.....	do.....	S	June 22, 1948	18	2
	Morrin, Richard Bruce.....	Massachusetts.....	S	June 30, 1948	17	11
	Morris, Robert Elliott.....	Georgia.....	C	do.....	18	0
	Morrison, James Arthur, Jr.....	Presidential.....	S	June 22, 1948	18	1
	Morrow, George Frederick.....	Marine Corps.....	R	June 16, 1948	18	9
	Moser, Edgar Strock.....	Marine Corps ²	R	July 3, 1948	19	0
	Moss, McKenzie.....	Kentucky.....	S	do.....	18	3
	Moushey, Michael Clarence.....	Missouri.....	C	July 9, 1948	19	0
	Mulcahy, Richard Thomas.....	Rhode Island.....	S	do.....	17	10
	Mullane, Thomas Frederick.....	Navy.....	R	June 17, 1948	20	0
	Mulloy, Paul Joseph.....	Presidential.....	S	June 21, 1948	18	0
	Munson, Clarence Nash.....	Navy.....	R	June 16, 1948	19	4
	Munson, Jack Victor.....	Navy ¹	S	June 17, 1948	19	7
	Murphy, Douglas Charles.....	do. ¹	R	Sept. 9, 1948	22	9
	Murray, Harry Stanley.....	Navy.....	R	June 17, 1948	21	4
	Murray, Thomas Francis.....	Marine Corps ²	R	do.....	19	10
	Myers, David Malcolm.....	South Carolina.....	C	July 9, 1948	17	6
	Myres, Harry Armand.....	Navy ¹	R	June 18, 1948	20	7
	Nachtrab, Herbert Richard, Jr.....	Wisconsin.....	S	June 30, 1948	17	4
	Naugle, James Orin.....	Pennsylvania.....	C	June 28, 1948	19	1
	Nelson, George Edwin, Jr.....	Naval Reserve.....	S	June 21, 1948	18	8
	Nelson, John Rockwood.....	New York.....	S	July 17, 1948	18	5
	Newland, Charles William.....	Louisiana.....	C	July 9, 1948	18	0
	Newton, Howard James, Jr.....	Naval Reserve.....	S	June 21, 1948	19	5
	Nicholas, Murtha Charles.....	Pennsylvania.....	C	Aug. 11, 1948	19	9
	Niederkrome, James Seymour.....	Oregon.....	S	July 3, 1948	18	1
	Noell, Paul Edward.....	Navy.....	R	June 16, 1948	20	9
	Norman, Thomas Victor, Jr.....	Marine Corps.....	S	do.....	20	6
	Novak, Lawrence Albert.....	Illinois.....	S	June 30, 1948	17	5
	Nulty, Jerome Barry.....	Pennsylvania.....	R	Aug. 6, 1948	19	6
	Numbers, Earl Wallace.....	Navy.....	R	June 17, 1948	20	11
	Nunneley, James Kenneth.....	Oklahoma.....	S	June 19, 1948	19	1
	Nyvold, Robert Herman.....	Navy.....	R	June 16, 1948	20	6
	O'Connell, John Francis.....	New York.....	R	July 21, 1948	17	9
	O'Connor, Dennis Edward Wat- son.....	Hawaii.....	S	June 28, 1948	18	5
	O'Connor, John Edward.....	Navy ¹	S	June 17, 1948	19	9
	Oder, Howard Wayne.....	Illinois.....	R	June 25, 1948	18	6
	O'Donnell, John William.....	Montana.....	S	July 28, 1948	19	0
	O'Grady, John Francis.....	Honor Military School.....	S	June 21, 1948	18	10
	Okun, Sherman Kenneth.....	Illinois.....	S	July 3, 1948	18	4
	Olson, Milton Jerome.....	Navy.....	R	June 16, 1948	22	2
	O'Malley, John Anthony, Jr.....	Navy ¹	R	July 23, 1948	19	7
	O'Neill, Paul Xavier.....	do. ¹	R	June 18, 1948	19	7
	Organ, James William.....	Presidential.....	S	July 17, 1948	17	6
	Ortiz, Marvin.....	Navy.....	S	June 17, 1948	21	2
	Ortiz-Benitez, Modesto.....	Puerto Rico (Gover- nor).....	S	July 3, 1948	18	2

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
1	Osterhout, Robert William.....	Maine.....	S	June 30, 1948	20	3
	O'Sullivan, Peter Robert.....	Marine Corps.....	R	June 16, 1948	20	3
	Ott, Billie Don.....	Navy ¹	R	June 18, 1948	18	8
	Owen, John Robert.....	Missouri.....	C	June 30, 1948	18	6
	Owens, Robert Andrew.....	New Mexico.....	R	June 19, 1948	18	6
	Pacl, Lawrence Jefferson.....	Naval Reserve.....	R	June 22, 1948	18	5
	Pagane, Frank Daniel, Jr.....	do.....	S	do.....	23	1
	Palmer, William Joseph, Jr.....	Massachusetts.....	R	June 23, 1948	19	11
	Paluso, Edward Morgan.....	Pennsylvania.....	C	June 30, 1948	18	11
	Paris, Thomas Albert.....	Navy.....	R	June 16, 1948	21	0
	Parker, Evan Lester, Jr.....	Indiana.....	S	June 30, 1948	17	11
1	Parker, George Robert.....	Utah.....	C	June 28, 1948	20	2
	Pastorino, Edward Thomas.....	New York.....	R	June 19, 1948	18	5
	Patterson, James Robert.....	Ohio.....	R	do.....	19	10
	Paulk, John Irvine.....	Tennessee.....	C	July 3, 1948	19	11
	Payne, Douglas Wilkinson.....	Maryland.....	S	June 25, 1948	17	8
	Payne, Dwight Ernest.....	Kansas.....	S	July 14, 1948	17	10
	Payne, George Patrick.....	Kentucky.....	C	June 30, 1948	18	11
	Peace, Daniel James, III.....	Illinois.....	S	June 23, 1948	20	4
	Pearson, John Frederick, Jr.....	Navy.....	R	June 16, 1948	20	7
	Pendleton, John Emerson, Jr.....	Tennessee.....	C	June 28, 1948	19	6
	Peters, Paul Frederick.....	Navy.....	R	June 21, 1948	20	6
	Pettigrew, Richard Ross.....	Presidential.....	S	June 22, 1948	18	4
	Phillips, Edwin Lawrence, Jr.....	Navy.....	R	July 8, 1948	21	1
	Phillips, John Thomas.....	Presidential.....	S	June 22, 1948	19	8
	Phillips, Robert Abner.....	Alabama.....	C	June 28, 1948	18	9
	Phillips, Robert Noel.....	Naval Reserve.....	S	June 22, 1948	18	6
1	Phillips, Theodore Howard.....	Marine Corps.....	R	June 16, 1948	20	8
	Phillips, William George.....	Minnesota.....	S	June 22, 1948	20	11
	Pidkowicz, Joseph.....	New York.....	C	Aug. 25, 1948	19	6
	Pike, Thomas Jerome.....	Illinois.....	S	July 21, 1948	19	1
	Pike, William Edward.....	Colorado.....	C	do.....	19	6
	Platt, Grafton Steele.....	Presidential.....	R	June 21, 1948	19	9
	Podaras, Nicholas Charles.....	New York.....	S	do.....	17	7
	Poggi de Araujo, Luiz Fernando Pimentel.....	Republic of Brazil.....	R	June 19, 1948	17	9
	Pohli, Richard Roland.....	California.....	S	June 18, 1948	18	10
	Pohlman, Jack Richard.....	Kansas.....	C	July 28, 1948	19	3
	Polaaty, Donald Bullock.....	Presidential.....	R	June 18, 1948	17	10
	Pollak, Charles Duane.....	Missouri.....	C	June 28, 1948	17	9
	Pollak, Morris.....	New York.....	S	June 22, 1948	20	3
	Porter, Donald Jack.....	Ohio.....	S	do.....	19	4
	Portney, Joseph Nathaniel.....	California.....	S	July 3, 1948	20	11
	Potts, Raymond Albert.....	Marine Corps ²	R	June 17, 1948	18	9
	Pressler, James William.....	Texas.....	C	June 21, 1948	18	6
	Pribble, Harry Allen.....	Louisiana.....	C	June 18, 1948	18	6
	Price, George Edward, Jr.....	Illinois.....	S	Sept. 15, 1948	17	9
	Price, Kenneth Richard.....	Marine Corps.....	R	June 17, 1948	19	4
	Prince, Neil Ellis.....	Michigan.....	S	July 14, 1948	18	2
	Pringle, Alan Dale.....	Navy.....	R	June 17, 1948	20	11
	Prueher, Roi Francis, Jr.....	Wisconsin.....	C	June 30, 1948	19	0
	Pucylowski, Francis Ward.....	Marine Corps ²	R	July 3, 1948	21	3
	Pugh, Jack Murray.....	Louisiana.....	C	July 28, 1948	21	3
	Quartararo, Michael Anthony.....	Naval Reserve.....	S	June 30, 1948	18	5
	Quimby, William Everett.....	New York.....	S	June 19, 1948	18	10

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
tb	Quin, Clayton Westbrook	Mississippi	C	June 28, 1948	18	9
	Quinn, James Lee, Jr.	Ohio	S	July 9, 1948	17	10
	Quinn, Robert Thomas	Alabama	S	June 28, 1948	17	10
	Rafalowski, Joseph William, Jr.	Navy ¹	R	June 23, 1948	20	4
	Ragsdale, William Hubert	Presidential	R	June 12, 1947	21	11
1	Ramsey, Forrest Gladstone, Jr.	Kansas	S	June 28, 1948	17	8
	Randolph, Joseph Leslie	New Jersey	S	July 3, 1948	17	10
	Rapkin, Jerome	Delaware	S	June 18, 1948	18	11
	Rasmussen, Gordon Arthur	Navy	R	June 17, 1948	19	11
	Rath, Thomas John	Marine Corps	R	June 18, 1948	20	10
tb	Read, Charles Harold Wickliffe, Jr.	Florida	C	July 9, 1948	19	5
	Reed, Robert Gaylord	Missouri	C	June 23, 1948	19	2
	Reed, William Howard	Marine Corps	R	June 17, 1948	19	6
	Reedy, Thomas Morris	do	R	June 16, 1948	20	7
	Reichelderfer, Bruce Allen	Presidential	S	June 11, 1947	18	9
tb	Reichmuth, Charles Ferdinand	NROTC	S	June 22, 1948	18	9
	Reid, Donald Emerson	Massachusetts	C	June 19, 1948	19	11
	Richard, Jackie Bethune	Louisiana	R	do	17	11
	Richards, William David	Massachusetts	S	June 18, 1948	18	9
	Richardson, Jack Edgar, Jr.	Navy	S	June 16, 1948	20	6
tb	Richerson, Rae Edward	do	R	June 19, 1947	21	3
	Richter, Edward Bailey	Honor Naval School	S	Aug. 5, 1948	18	1
	Ries, Allen Louis	Navy	R	June 16, 1948	20	6
	Riggs, Weldon Max	Kansas	S	June 28, 1948	18	5
	Rioux, Richard Jerome	Navy ¹	S	June 30, 1948	20	7
tb	Rittenhouse, John Olmstead, Jr.	Naval Reserve	S	July 26, 1948	18	3
	Rivers, Wendell Burke	Navy	S	June 17, 1948	19	11
	Roach, Colin Donald	Marine Corps	R	do	21	2
	Roldi, Oscar Bernard	Navy	R	do	20	7
	Roalsen, Donald James	do	S	June 16, 1948	23	0
tb	Roane, Donald Patterson	Virginia	S	June 21, 1948	17	8
	Robbins, Richard Eugene	Navy ³	R	Aug. 11, 1948	20	4
	Roberts, William Edwin, Jr.	Mississippi	C	June 18, 1948	19	9
	Roberts, William Eugene	Maryland	S	June 30, 1948	18	6
	Roby, Grady Harold	Tennessee	C	Sept. 10, 1948	19	8
tb	Rodeen, James	Iowa	S	June 30, 1948	18	4
	Roesch, Malvin Burt	Navy	R	June 16, 1948	20	10
	Rollins, James "J"	do	R	June 17, 1948	20	0
	Ross, Ray Meredith	Texas	C	June 30, 1948	18	8
	Rossie, Richard Lee	Marine Corps ²	R	do	19	7
tb	Rottler, William Drayton	Naval Reserve	S	June 23, 1948	18	5
	Rowden, William Henry	Vermont	S	July 14, 1948	18	2
	Rowe, Robert Hetsley	Marine Corps	R	June 16, 1948	18	10
	Ruesswick, Douglas Lee	Navy	R	do	19	4
	Ryan, William Jardine	Michigan	C	July 14, 1948	18	0
tb	Sabec, Edwin John	Navy ¹	R	July 30, 1948	20	4
	Sadowski, Henry Robert	do. ¹	S	Aug. 2, 1948	21	10
	Sager, Gene Gustav	Naval Reserve	S	June 22, 1948	19	7
	Sagerholm, James Alvin	Navy	S	June 16, 1948	20	6
	Sammons, Joseph Earl	Kentucky	R	June 19, 1948	18	6
tb	Sanchez, Manuel Patricio	New Mexico	C	June 18, 1948	19	7
	Santucci, Carlo Vincent	Illinois	C	July 3, 1948	19	1
	Sapp, John, Jr.	Presidential	R	June 21, 1948	18	10

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Satterwhite, Hugh Conway, Jr.	Marine Corps ²	R	June 17, 1948	19	9
	Saulnier, George Irwin	Massachusetts	S	July 14, 1948	19	0
	Saxer, Richard Karl	Ohio	C	July 9, 1948	19	10
	Sayer, William Dougherty	Navy	R	July 7, 1948	22	8
	Sayre, Robert Eugene, Jr.	Presidential	S	June 21, 1948	17	7
	Scalese, Anthony Carmine, Jr.	Massachusetts	S	June 28, 1948	18	9
	Scanlan, William Henry	Naval Reserve	S	June 21, 1948	18	11
	Schaffrath, Henry George, Jr.	Marine Corps ²	R	June 17, 1948	19	2
	Scheu, Lawrence Daniel, Jr.	Navy ¹	R	Aug. 2, 1948	20	7
	Schifferli, Walter Frederic, Jr.	New Jersey	S	June 19, 1948	18	2
	Schlosser, Robert Berton	Marine Corps	R	June 18, 1948	20	5
	Schluter, Hugo Ernst	Navy ¹	R	June 17, 1948	21	7
	Schmitz, Joseph Warren	New York	S	June 18, 1948	21	10
	Schultz, Ernest Gordon	Kansas	C	June 28, 1948	18	10
	Schultz, Frank, Jr.	Pennsylvania	S	June 21, 1948	20	10
	Schulze, Robert Harold	Michigan	S	June 19, 1948	19	2
	Schurr, Thomas Paul	Montana	R	Sept. 16, 1948	18	7
	Schwartz, John William	Arizona	S	July 9, 1948	18	2
	Scolpino, Frank Joseph, Jr.	Navy ¹	R	June 17, 1948	20	2
	Scott, Richard Hilling	Pennsylvania	S	June 19, 1948	19	1
	Scudato, Joseph Frank	New Jersey	C	Sept. 1, 1948	19	5
	Sebes, Edward Andrew	Navy ³	S	Aug. 23, 1948	21	0
	Seeger, Charles Edward	Maryland	S	June 28, 1948	18	4
	Seljos, Lloyd Thorval	Texas	R	June 23, 1948	18	6
	Sell, John Richard	Navy	R	June 16, 1948	20	4
	Semotan, William Frederick	Nebraska	C	June 28, 1948	19	5
	Severin, Clarence Andrew, Jr.	Kansas	C	July 3, 1948	19	1
	Severs, George Edward	Navy ¹	R	June 17, 1948	20	3
	Shaklee, Harold Gordon	Marine Corps ²	R	June 30, 1948	22	4
	Shanahan, William Francis	New York	S	July 3, 1948	17	7
	Shanken, Martin Lewis	Marine Corps ²	R	June 17, 1948	18	11
	Shaw, Ronald Glenn	Maryland	C	July 21, 1948	18	4
	Sheehan, John Eugene	Pennsylvania	S	July 10, 1948	18	7
	Sheehan, William Francis, Jr.	Navy ¹	R	June 17, 1948	20	10
	Sheldon, Robert Edward	Naval Reserve	S	June 30, 1948	18	8
	Shellman, Curtis Barnett, Jr.	do	S	Sept. 17, 1948	18	5
	Sherar, Joseph William	Oregon	S	July 3, 1948	17	9
	Shillinger, George Lewis, Jr.	Pennsylvania	S	June 22, 1948	18	2
	Shimanek, Richard Glade	Oregon	R	June 19, 1948	17	8
	Shipley, Robert Wheeler	Texas	S	June 22, 1948	19	6
	Shiver, Edwin Calhoun	South Carolina	C	June 30, 1948	18	6
	Shoemaker, Thomas Coe	Pennsylvania	C	June 25, 1948	19	3
	Sierer, Payson Dwight, Jr.	New York	C	June 22, 1948	20	0
tb	Simons, Donald William	Navy	R	June 17, 1947	19	4
	Sims, Gelzer Loyall, Jr.	South Carolina	C	June 28, 1948	17	8
	Sims, Leonard Francis, Jr.	Navy	R	June 16, 1948	18	10
	Sjaastad, Gerald Don	North Dakota	S	June 23, 1948	18	0
	Skantze, Lawrence Albert	Navy ¹	S	June 22, 1948	20	0
	Slayton, George Robert	Honor Military School	S	June 30, 1948	18	4
	Smith, Carol Castleman, Jr.	Alabama	S	do	17	10
	Smith, Charles William	Maryland	S	July 9, 1948	18	3

¹ Charged to quota from Naval Reserve.² Charged to quota from Marine Corps Reserve.³ Charged to Presidential quota.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholastic- ally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
tb	Smith, Donald Byron.....	Naval Reserve.....	S	June 25, 1948	20	11
	Smith, Douglas Byron, Jr.....	Texas.....	R	June 21, 1948	17	11
	Smith, Ferris MacArthur.....	Honor Military School.....	S	July 17, 1947	17	11
	Smith, Frederick Elmer, Jr.....	Presidential.....	R	June 21, 1948	19	1
	Smith, Gilbert Elwood.....	Montana.....	S	June 19, 1948	21	9
	Smith, Herbert Edward, Jr.....	Texas.....	S	June 28, 1948	18	2
	Smith, James Henry.....	North Dakota.....	C	June 18, 1948	17	4
	Smith, James Roby.....	California.....	R	June 18, 1948	19	11
	Smith, Jean Val.....	Florida.....	S	do.....	19	2
	Smith, Jimmy Lee.....	Arkansas.....	C	June 30, 1948	18	11
	Smith, John Valentine.....	Public Law 229.....	S	June 21, 1948	18	1
	Smith, Kenneth Godfrey.....	Naval Reserve.....	S	June 22, 1948	18	9
	Smith, Ordell.....	Navy ¹	R	June 30, 1948	20	9
	Smith, Richard Carl.....	do. ¹	R	do.....	20	5
	Smith, Rodric Mar.....	Oregon.....	S	July 3, 1948	18	2
	Smith, Roy Benjamin.....	Texas.....	C	do.....	17	10
	Smith, St. Clair.....	South Carolina.....	C	Sept. 8, 1948	19	1
	Smith, Samuel Henry, III.....	Missouri.....	R	June 19, 1948	19	1
	Smith, Verne Watson.....	NROTC.....	S	June 21, 1948	18	6
	Smith, William Andrew.....	Navy.....	S	June 16, 1948	19	7
b	Smith, William Benton, Jr.....	do.....	S	do.....	19	5
	Snyder, James Madison.....	Oregon.....	S	June 22, 1948	18	4
	Solbach, Harry George, Jr.....	Pennsylvania.....	S	June 28, 1948	18	1
	Sorrentino, Michael Louis.....	do.....	S	July 21, 1948	18	11
	Southerland, Thomas Chapman, Jr.....	North Carolina.....	C	Sept. 15, 1948	18	7
	Spanagel, Herman Adolph, Jr.....	California.....	C	July 21, 1948	20	9
	Spanakos, Basil Michael.....	New York.....	R	Aug. 4, 1948	20	4
	Spencer, Harry Arthur, Jr.....	Nebraska.....	C	July 9, 1948	18	6
	Sperling, David John.....	Alaska.....	S	July 12, 1948	19	3
	Spraul, Don Louis.....	Louisiana.....	C	June 23, 1947	20	5
	Squier, Lucius Robinson, Jr.....	Tennessee.....	C	June 18, 1948	19	10
	Stafford, Thomas Patten.....	Oklahoma.....	S	July 2, 1948	17	10
	Stamm, Richard Henry.....	Montana.....	C	July 3, 1948	19	5
	Stangl, Richard John.....	Naval Reserve.....	S	June 28, 1948	19	1
	Stanley, Joseph Kenneth.....	Public Law 229.....	R	June 21, 1948	20	10
	Staple, David Francis.....	Navy.....	S	June 16, 1948	21	5
	Stark, Arthur R., Jr.....	Nebraska.....	C	June 30, 1948	18	9
	Stark, Peter Amy, Jr.....	Navy.....	R	June 17, 1948	20	3
	Steele, William Oliver.....	Pennsylvania.....	S	June 22, 1948	17	10
	Stein, Clyde Kelly.....	do.....	S	June 21, 1948	18	10
tb	Stein, Norman Floyd.....	do.....	C	Aug. 5, 1948	20	2
	Stephens, John Peter.....	Marine Corps.....	S	June 17, 1948	20	1
	Stevens, Donald Owen.....	Navy ¹	R	Sept. 16, 1948	20	0
	Stevenson, John Barnt.....	Ohio.....	C	July 3, 1948	18	7
	Stice, Ray Bickmore.....	Presidential.....	R	June 30, 1948	19	11
	Stockdale, Wendell Berg.....	Iowa.....	R	June 19, 1948	17	10
	Stolle, Edward St. Clair, Jr.....	Naval Reserve.....	S	June 23, 1948	19	1
	Stone, James Mullen.....	Navy ¹	R	July 3, 1948	21	3
	Storper, Stanley Arnold.....	New York.....	C	July 13, 1948	20	5
	Strange, Hubert Ellis, Jr.....	Pennsylvania.....	S	June 28, 1948	18	6
	Streett, James Kenneth.....	Navy.....	R	June 16, 1948	20	11
	Strehlow, Paul Valentine, Jr.....	NROTC.....	S	June 21, 1948	18	10
	Strickland, Robert Neal.....	Navy.....	S	June 16, 1948	19	2
	Strong, John William.....	do.....	R	June 17, 1948	21	3
	Studabaker, William Anthony.....	Presidential.....	S	July 21, 1948	18	0

¹ Charged to quota from Naval Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholastic- ally (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
I	Studebaker, Clayton Albert.....	Presidential.....	S	July 3, 1948	19	1
	Sugg, Ross Edgar.....	Montana.....	C	Aug. 5, 1948	19	4
	Sumner, William Marvin.....	Virginia.....	C	July 14, 1948	19	10
	Sutley, Robert Marion.....	Navy.....	S	June 16, 1948	22	10
	Svec, Richard Louis.....	Navy ¹	R	June 17, 1948	19	5
	Swalley, Robert Ferrell.....	Missouri.....	C	July 14, 1948	18	1
	Swanke, Robert Anthony.....	Navy.....	R	June 24, 1948	22	1
	Swanson, Ronald Roy.....	do.....	R	June 17, 1948	20	7
	Swanson, Stanley Runyan.....	Georgia.....	C	June 23, 1948	20	6
	Sylvester, Gerald Duncan.....	Louisiana.....	R	June 19, 1948	17	10
	Tacke, Raymond Leroy.....	Idaho.....	C	July 3, 1948	19	9
	Tallman, Oliver Howard, II.....	New Jersey.....	S	July 14, 1948	18	0
	Taylor, Charles Albert.....	Presidential.....	S	June 23, 1948	17	11
	Taylor, James Graham.....	Republic of Colombia.....	R	June 22, 1948	16	11
	Taylor, Reeves Ramsey.....	Rhode Island.....	S	June 28, 1948	19	4
	Taylor, Robert Stevens.....	Pennsylvania.....	S	Sept. 3, 1948	19	1
	Terrell, William Thomas.....	Marine Corps.....	R	June 16, 1948	20	7
	Tetreault, Paul Jerome.....	Naval Reserve.....	S	July 14, 1948	19	2
	Thamm, Tom Brobeck.....	Pennsylvania.....	S	June 21, 1948	18	11
tb	Thawley, Thomas Melvin.....	Delaware.....	R	June 18, 1948	17	9
	Theodorou, Charles Louis.....	New Hampshire.....	C	June 23, 1947	18	9
	Thomas, Charles Robert.....	Kansas.....	S	June 28, 1948	17	11
	Thomas, Douglas Nyle.....	Presidential.....	S	June 25, 1948	18	9
	Thomas, James Richard.....	Pennsylvania.....	S	June 19, 1948	18	10
	Thomas, Svend Erling.....	Washington.....	S	July 3, 1948	17	11
	Thompson, Gerald Jordan.....	Texas.....	C	do.....	18	3
	Thompson, Paul Bristol, Jr.....	Presidential.....	S	June 30, 1948	18	1
	Thornton, Reuben Thomas, III.....	do.....	S	July 24, 1948	18	2
	Todd, Alexander Miller.....	Mississippi.....	S	June 30, 1948	17	9
	Todd, George William, III.....	Presidential.....	S	June 21, 1948	17	9
	Tombari, Henry Anthony.....	Navy ¹	R	June 17, 1948	19	9
	Tomlin, James Elliot.....	Texas.....	C	July 9, 1948	18	8
	Tonetti, John Sante.....	Naval Reserve.....	R	June 23, 1948	18	6
	Tonseth, Thomas Henrick, III.....	Alaska.....	C	June 30, 1948	18	4
	Torbert, Clement Clay, Jr.....	Alabama.....	C	do.....	18	10
	Townsend, Guy Bryan.....	Presidential.....	S	June 22, 1948	17	9
	Tracy, Fred Lewis.....	Illinois.....	C	Aug. 5, 1948	20	1
	Trafficante, Vincent Charles.....	Naval Reserve.....	R	June 23, 1948	19	6
	Troffer, George John, Jr.....	Navy.....	R	June 16, 1948	20	6
	Troppman, Charles Robert.....	Washington.....	C	July 21, 1948	19	1
	Troske, Erwin Edwin, Jr.....	North Dakota.....	C	July 14, 1948	18	5
	Troutman, James Scott.....	Missouri.....	C	June 28, 1948	18	4
	Trueblood, Howard Gene.....	Navy.....	S	June 16, 1948	20	6
	Tucker, Charles Edwin.....	Alabama.....	C	July 21, 1948	19	4
	Tullett, Jack Edgar.....	Illinois.....	C	June 18, 1948	20	5
	Turnage, Robert Lake.....	Mississippi.....	C	July 28, 1948	19	3
	Turnbaugh, James DeMitt, Jr.....	Missouri.....	C	June 30, 1948	21	10
	Tuszynski, Raymond Stanley.....	Illinois.....	C	July 9, 1948	20	6
	Tuzo, Lamar Wyatt.....	Presidential.....	S	Aug. 11, 1948	18	4
	Vahsen, George Martin.....	Navy.....	S	June 22, 1948	20	5
	Valade, Larry Gale.....	Oregon.....	R	June 19, 1948	18	7
	Van Bergen, Richard Henry.....	Ohio.....	R	July 2, 1948	19	7
	Vaughan, Robert Ashmead.....	Navy.....	R	June 17, 1948	19	7
	Vine, Victor James.....	Marine Corps.....	R	June 16, 1948	19	9
tb	Vogler, James Berton.....	Nebraska.....	C	July 9, 1947	19	3
	Wadsworth, Francis Laughlin.....	Connecticut.....	C	Sept. 3, 1948	18	5

¹ Charged to quota from Naval Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
b 18	Waid, Robert Teese, Jr.....	North Carolina.....	R	July 21, 1948	17	7
	Walden, John Warren.....	Naval Reserve.....	S	June 22, 1948	19	1
	Walker, Samuel Bruce.....	Georgia.....	S	do.....	17	6
	Wallace, Cedric Sterling.....	Oregon.....	C	July 16, 1948	21	0
	Walsh, Charles James.....	Illinois.....	S	July 9, 1948	18	0
	Walsh, Richard Ambrose, III.....	Minnesota.....	R	June 1, 1948	22	1
	Wands, Thomas Lusk, Jr.....	Kansas.....	S	June 25, 1948	19	3
	Ward, Benjamin Porter, Jr.....	Presidential.....	R	June 21, 1948	19	0
	Ward, John Ellsworth.....	California.....	S	July 21, 1948	18	3
	Washington, Robert Walter.....	Navy.....	S	June 16, 1948	20	2
th 1	Watkins, Bobby Bert.....	Arizona.....	S	July 3, 1948	17	10
	Watland, Douglas Miles.....	Iowa.....	S	July 25, 1947	18	7
	Webb, Carl Robert.....	Marine Corps.....	R	June 16, 1948	19	11
	Webber, Gene Duane.....	Navy.....	S	do.....	20	0
	Weber, Robert Redmond.....	Presidential.....	R	June 21, 1948	20	11
	Wedge, George Francis, Jr.....	Navy.....	R	June 16, 1948	20	9
	Weeks, George Holland.....	Pennsylvania.....	S	July 21, 1948	19	2
	Weir, Kenneth Wynn.....	Presidential.....	S	June 25, 1948	17	8
	Welch, James Francis.....	Marine Corps.....	S	June 16, 1948	19	10
	Weller, Thomas George, Jr.....	Pennsylvania.....	S	June 19, 1948	19	2
	Welsh, Leland Merritt.....	California.....	R	June 18, 1948	17	9
	Wev, Bosquet Neill, Jr.....	Presidential.....	R	June 23, 1948	18	10
	Whaling, Robert William.....	Pennsylvania.....	S	June 28, 1948	18	4
	White, John Arthur.....	Illinois.....	C	July 14, 1948	18	3
	White, Paul Geltmacher, Jr.....	California.....	S	June 18, 1948	18	7
	Whitehurst, Marshall Neversen, Jr.....	Naval Reserve.....	S	June 22, 1948	19	3
	Whiteside, James Benjamin.....	Navy ¹	S	June 30, 1948	19	7
	Wiczynski, Robert Clemens.....	Wisconsin.....	C	do.....	18	11
	Wiegand, Samuel John.....	Minnesota.....	S	June 18, 1948	19	5
	Wilde, Stanford Richard.....	Utah.....	S	July 24, 1948	19	0
	Wilder, William Ernest.....	Massachusetts.....	S	June 28, 1948	19	10
	Wilhelm, Paul Edward.....	Marine Corps.....	S	June 16, 1948	21	0
	Wilk, Raymond Conrad.....	Illinois.....	C	July 24, 1948	19	5
	Wilkinson, Joseph Barbour, Jr.....	Texas.....	S	June 30, 1948	17	7
	Williams, Edward John, Jr.....	do.....	C	June 21, 1948	18	9
	Williams, Jack, Jr.....	Illinois.....	C	July 9, 1948	18	7
	Williams, James Edward.....	Iowa.....	C	June 18, 1948	22	2
	Williamson, John Carter.....	Florida.....	C	June 30, 1948	19	1
	Wilson, Jack Leonard.....	Oklahoma.....	C	July 3, 1948	22	8
	Wilson, James Edgar, Jr.....	Navy.....	R	June 17, 1948	19	5
	Wilson, Raymond Gerald.....	Colorado.....	C	June 18, 1948	19	3
	Wilson, Robert Downs.....	Presidential.....	R	June 21, 1948	19	8
	Wilson, Robert Roland.....	Naval Reserve.....	S	June 22, 1948	21	1
	Winge, Jimmie Marvin.....	Georgia.....	C	July 3, 1948	20	11
	Winkler, Lawrence.....	Navy.....	R	June 17, 1948	20	10
	Winkler, Thomas Quenton, Jr.....	Louisiana.....	C	June 18, 1948	19	10
	Wiseman, Charles Henry.....	New York.....	S	June 19, 1948	17	11
	Witt, Thomas Kay.....	Kansas.....	S	June 23, 1948	18	7
	Wood, Dempsey Dale.....	Navy.....	R	June 16, 1948	20	11
	Woodward, John Richard, III.....	Georgia.....	C	June 23, 1948	19	4
1	Woolway, James Eugene.....	Naval Reserve.....	R	July 9, 1948	18	6
	Wray, Desmond Carlisle, Jr.....	Virginia.....	C	July 3, 1948	18	8
	Wright, Charles Howard, Jr.....	Mississippi.....	C	July 24, 1948	19	9
	Wroth, Robert Stewart.....	New Jersey.....	C	July 6, 1948	19	6

¹ Charged to quota from Naval Reserve.

Class of 1952 (1,027 members)—Continued

Sym- bol (see p. 28)	Name	Appointed from (see p. 90)	Method of qual- ifying scholas- tically (see p. 90)	Date of ad- mission	Age at date of admission	
					Years	Months
	Wyatt, William Claudius, III.....	Marine Corps ²	<i>S</i>	July 3, 1948	20	2
	Yamnicky, John David.....	Pennsylvania.....	<i>S</i>	Aug. 5, 1948	18	2
	Young, David Bryan, Jr.....	Missouri.....	<i>R</i>	July 3, 1948	20	3
	Young, David Dale.....	Naval Reserve.....	<i>S</i>	July 9, 1948	18	3
	Young, John Charles.....	California.....	<i>C</i>	July 21, 1948	19	1
	Yurth, William.....	Navy.....	<i>R</i>	June 17, 1948	19	1
	Zacharias, Jerrold Matthew.....	Presidential.....	<i>R</i>	June 21, 1948	20	6
	Zastrow, Robert Richard.....	Wisconsin.....	<i>S</i>	July 28, 1948	19	3
	Ziblich, Michael Anthony.....	Marine Corps.....	<i>R</i>	June 16, 1948	21	2
	Zobel, William Marshall.....	South Carolina.....	<i>S</i>	July 9, 1948	19	0

² Charged to quota from Marine Corps Reserve.

Note: The total admissions from the Regular Navy and Naval Reserve quotas exceeded those quotas. This was due to the admission of replacements to fill vacancies created by separations prior to the beginning of the Academic year.

DEATHS, RESIGNATIONS, ETC.

Sept. 27, 1947, to and including Sept. 22, 1948

DIED

Name	Class	Date of death
Eliopulos, George James-----	1949	May 10, 1948

DISMISSED

Name	Class	Date dismissed
McDonald, John Joseph Patrick-----	1948-B	Sept. 29, 1947

DROPPED

None

DISCHARGED

Symbol (see p. 28)	Name	Class	Date discharged
3	Hull, Tennyson Jacob, III-----	1948-B	Apr. 21, 1948
3	Lauer, Frederick William, Jr-----	1948-B	Oct. 28, 1947
3	Travis, David Pat-----	1951	Sept. 7, 1948
9	Troughton, Louis Albert, Jr-----	1949	Mar. 16, 1948

HONORABLY DISCHARGED

Symbol (see p. 28)	Name	Class	Date discharged
2	Bartram, John Thompson-----	1950	Oct. 8, 1947
6	Bealle, Morris Allison, Jr-----	1950	Feb. 24, 1948
10	Beat, Robert Omer-----	1951	Mar. 15, 1948
2	Billingsley, James Louis-----	1951	Feb. 26, 1948
2	Bracken, Cletis Edmond-----	1950	May 3, 1948
6	Brown, David Hazzard-----	1949	June 4, 1948
6	Buchanan, David Bruce Black, Jr-----	1951	Feb. 16, 1948
6	Carlisle, David Rigby-----	1950	Do.
6	Carson, John Armand-----	1951	Do.
10	Cinquina, Thomas Vincent-----	1950	Mar. 13, 1948
6	Cleveland, William LeRoy, Jr-----	1951	Feb. 16, 1948
10	Columbo, Anthony George-----	1951	Mar. 15, 1948
2	Cook, Donald Edward-----	1951	Feb. 20, 1948

HONORABLY DISCHARGED—Continued

Symbol (see p. 28)	Name	Class	Date discharged
10	Dash, Abraham.....	1951	Mar. 13, 1948
6	Dearth, Wilfred Harry.....	1949	June 4, 1948
10†	Earl, William Clyde.....	1950	Mar. 29, 1948
2	Elvidge, Herbert Dalzell.....	1950	Dec. 1, 1947
13	Fowler, Charles Addison, III.....	1948-B	June 4, 1948
10†	French, Walter Hunt, Jr.....	1950	Mar. 15, 1948
2	Funk, William Jesse, Jr.....	1950	June 4, 1948
2	Groome, Thomas Pearcefield, Jr.....	1951	Nov. 10, 1947
10†	Hamilton, Roger Ready.....	1951	Mar. 15, 1948
10	Hood, Roland Foster, Jr.....	1951	Mar. 13, 1948
6†	Ingalls, Jack Francis, III.....	1949	June 4, 1948
10†	Johnston, Lawrence LeGrand.....	1950	Mar. 15, 1948
10	Kelly, Samuel Patrick.....	1951	Mar. 18, 1948
6	Klingensmith, Steele McFarland.....	1951	Feb. 16, 1948
10†	Laighton, Robert Haley.....	1950	Mar. 15, 1948
6	Lardis, Chris Stephen.....	1951	Feb. 16, 1948
10	Lauder, Winston Rowland.....	1950	July 15, 1948
13	Lea, Hugh Ochiltree.....	1948-B	June 28, 1948
6	Leigh, Harry Tandy.....	1951	Feb. 16, 1948
10	Lentz, Lindley Allen.....	1951	Mar. 15, 1948
6†	Macomber, Michael Dimitri.....	1951	Feb. 16, 1948
6	Martin, Clarence Kenneth, Jr.....	1951	Feb. 19, 1948
2	McKeogh, John Daniel.....	1949	Feb. 24, 1948
10	Morrow, LeRoy Charles, Jr.....	1950	Mar. 15, 1948
2	Murphy, Maurice Vincent, Jr.....	1951	June 4, 1948
6	Mutch, Freeman Eugene.....	1951	Feb. 16, 1948
6	Paul, Peter.....	1950	Feb. 18, 1948
10	Perkins, Gregory Albee.....	1951	Mar. 13, 1948
13	Peterson, John David.....	1948-B	Sept. 10, 1948
10	Piasecki, Edwin John.....	1950	Mar. 15, 1948
2	Purcell, Joseph.....	1951	Mar. 4, 1948
6	Rath, Otto Campbell.....	1950	June 7, 1948
2	Reisch, Lawrence William, Jr.....	1950	May 27, 1948
2	Rundle, Richard Jennens.....	1949	Feb. 16, 1948
6	Ryan, Andrew Kemper, Jr.....	1950	June 4, 1948
10	Smith, Kirby James.....	1950	Mar. 13, 1948
10†	Spanakos, Basil Michael.....	1951	Mar. 15, 1948
6	Sladky, James Aloysius.....	1951	Feb. 16, 1948
13	Sutter, Edwin Joseph.....	1948-B	June 4, 1948
6	Sweeney, James Patrick, Jr.....	1951	Feb. 16, 1948
6	Valanos, Timothy Chris.....	1949	Do.
6	Vesser, William Crockett.....	1951	Do.
10	Vogan, Charles Scott.....	1951	Mar. 15, 1948
2	Walker, David Andrew.....	1950	June 8, 1948
10†	Walsh, Richard Ambrose, III.....	1950	Mar. 25, 1948
2	Weisel, James Homer.....	1950	Oct. 8, 1947
6	Zimney, Charles.....	1951	June 4, 1948

RESIGNED

Symbol (see p. 28)	Name	Class	Date resigned
1	Aillet, Robert Ray	1950	Dec. 15, 1947
1	Alley, Granville Mason, Jr.	1951	Mar. 5, 1948
1	Bailey, George Nelson, II.	1951	Jan. 19, 1948
1	Baker, Frank Brock	1950	Apr. 2, 1948
1	Baranoff, Melvin Sidney	1951	May 27, 1948
1	Berry, David Franklin	1949	Dec. 17, 1947
7	Blackburn, Norris Campbell, Jr.	1950	Mar. 1, 1948
1	Britton, Stanley Jarvis	1951	Jan. 21, 1948
1	Bruce, George Duncan	1950	July 12, 1948
1	Bunts, John Luther, Jr.	1950	May 27, 1948
1	Caldwell, William Thomas, III.	1951	Oct. 20, 1947
7	Cannon, Rudolph David	1951	Feb. 17, 1948
1	Clark, James Otis	1949	Mar. 18, 1948
1	Collins, Winthrop Carver	1949	Jan. 23, 1948
1	Conger, David Pike	1950	Feb. 13, 1948
1	Cook, Frederick William	1951	Nov. 3, 1947
1	Cooke, Peter Stanfield	1952	Aug. 13, 1948
1	Corderman, Kenneth Wayne	1951	Nov. 21, 1947
1	Cotton, Sherwood Maurice	1952	July 9, 1948
1	Cox, James Lee Dolan	1949	May 28, 1948
1	Crawford, Gerard Anthony	1949	Oct. 31, 1947
1	Crowell, Robert Josselyn	1949	Oct. 14, 1947
1	Cummings, Duane Arthur	1952	Aug. 26, 1948
1	Daly, Robert Lodge	1951	Feb. 2, 1948
1	Dameron, Broun Conway	1951	Jan. 19, 1948
1	Daniel, Elbert Pittenger	1952	Sept. 13, 1948
1	Daykin, Richard Farr	1950	Mar. 19, 1948
1	Deady, Daniel Angus	1951	Dec. 8, 1947
1	Drake, Hugh Hess	1950	Sept. 3, 1948
1	Driscoll, George Francis	1950	June 3, 1948
1	Driskell, Herman Lamar, Jr.	1950	Jan. 21, 1948
1	Edwards, John Allan	1950	Mar. 25, 1948
1	Egert, Clarence Richard	1952	Aug. 30, 1948
1	Faris, Richard Lyle	1951	Feb. 9, 1948
1	Fowler, Freeman Algene, Jr.	1951	Mar. 4, 1948
1	Frederick, Clarence Henry	1952	July 27, 1948
1	Freeman, George Arthur	1949	May 28, 1948
1	Gerber, Myron Dane	1949	Dec. 18, 1947
1	Greathouse, Charles Richard, Jr.	1950	Oct. 20, 1947
1	Griest, Jeffery Willing	1950	June 11, 1948
1	Gurley, Ernest Boyd	1951	Oct. 9, 1947
1	Haymaker, Ralph Wilson	1949	Nov. 12, 1947
7	Higgins, Silas Alden	1951	June 4, 1948
1	Hobson, Tolbert Francis, Jr.	1951	May 29, 1948
1	Hodges, Jerol Richard	1952	July 12, 1948
7	Jantho, Charles Robert	1950	Feb. 13, 1948
1	Jasperson, Robert Wrenn	1950	Sept. 7, 1948
1	Jefferson, Alfred Carter	1949	Nov. 21, 1947
1	Jones, Bruce McGill Jr.	1950	Dec. 8, 1947

RESIGNED—Continued

Symbol (see p. 28)	Name	Class	Date resigned
1	Josey, Clinton Wiley, Jr.....	1949	Jan. 31, 1948
1	Katcher, Martin Joseph.....	1950	Oct. 9, 1947
1	Keene, Edward Frederick.....	1951	June 3, 1948
1	Kessel, Wallace Dwight.....	1949	Nov. 14, 1947
7	Kyburz, Leon Jackson.....	1951	Feb. 16, 1948
4	Leith, Robert Stanley.....	1950	Nov. 19, 1947
1	Lemmon, John Michael.....	1950	Feb. 13, 1948
1	Liebendorfer, Richard Arthur.....	1950	Jan. 30, 1948
1	Lombard, Rivard Eugene.....	1952	Sept. 13, 1948
1	Lombardo, Joseph Michael.....	1951	June 9, 1948
1	Lowery, Charles Vernon.....	1951	June 11, 1948
1	Lynch, John Joseph.....	1949	Dec. 18, 1947
1	Mannell, Thomas Joseph.....	1951	Jan. 5, 1948
1	Marovich, Frank "S", Jr.....	1950	Sept. 13, 1948
1	McGinty, Thomas Joseph, Jr.....	1950	Jan. 19, 1948
1	McNeil, Commodore Clary, Jr.....	1951	Nov. 21, 1947
1	McPherson, James Carver.....	1950	Feb. 26, 1948
1	Mercier, Robert Paul.....	1952	Aug. 18, 1948
1	Moeller, Robert Henry, Jr.....	1950	May 28, 1948
1	Moffat, Samuel Johnston.....	1950	Sept. 17, 1948
1	Morgan, Herbert Doyle, Jr.....	1951	Feb. 2, 1948
1	Morton, Charles Wright.....	1951	Nov. 18, 1947
1	Negus, Alan Grant.....	1949	Feb. 17, 1948
22	Niland, Kennedy.....	1948-B	Sept. 23, 1948
1	O'Sullivan, Peter Robert.....	1952	July 30, 1948
1	Parker, George Robert.....	1952	Aug. 3, 1948
1	Parker, Richard Allen.....	1949	Feb. 19, 1948
1	Phillips, Theodore Howard.....	1952	July 27, 1948
1	Post, Foster Andrews.....	1951	Feb. 19, 1948
1	Pumphrey, Patrick Rooney.....	1949	Feb. 26, 1948
1	Purcell, John Kelly.....	1951	Jan. 28, 1948
1	Rasmussen, Gordon Arthur.....	1952	Aug. 5, 1948
1	Ray, William Gordon.....	1951	Apr. 6, 1948
1	Rick, William Bruce.....	1949	Oct. 13, 1947
1	Robertson, Richard Norris.....	1951	Sept. 27, 1947
1	Rutter, Eugene James.....	1949	Oct. 9, 1947
1	Stith, Robert Jesse.....	1950	June 3, 1948
1	Svec, Richard Louis.....	1952	July 23, 1948
5	Swanson, John Richard.....	1949	Jan. 12, 1948
7	Thompson, John Richard.....	1951	Feb. 19, 1948
1	Treganowan, David Thomas.....	1951	Oct. 13, 1947
1	Tucker, Leonard Lewis, Jr.....	1951	Dec. 15, 1947
1	Watland, Douglas Miles.....	1952	Aug. 26, 1948
7	Welsh, Fletcher Harvey.....	1951	Feb. 19, 1948
1	Wherry, David Colwell.....	1949	Oct. 13, 1947
1	Willimack, Larry Clay.....	1951	Jan. 19, 1948
1	Witt, Thomas Kay.....	1952	July 26, 1948
1	Wolfe, Russell Clinton.....	1951	June 1, 1948
1	Wright, Arthur Raymond.....	1950	Sept. 13, 1948

RETAINED IN CLASSES INDICATED

Symbol (see p. 28)	Name	Class to which turned back	Date turned back
14	Bangsberg, Howard Vey-----	1952	June 4, 1948
21	Beattie, George Elder-----	1950	Sept. 8, 1948
11	Burrell, Jack Luse-----	1952	Mar. 15, 1948
11	Cleavenger, Samuel Demott, Jr.-----	1952	Do.
19	Donaldson, John Weber-----	1950	June 10, 1948
11	Hartley, John Donald-----	1952	Mar. 15, 1948
14	Hubbard, Rufus George-----	1952	June 4, 1948
21	Jeffries, Claude Edward, Jr.-----	1950	Sept. 8, 1948
11	Knapp, Walter Charles-----	1952	Mar. 15, 1948
11	Lewis, Harold Michael James, Jr.-----	1952	Do.
11 1	Lombard, Rivard Eugene-----	1952	Do.
12 1	Mercier, Robert Paul-----	1952	Apr. 2, 1948
8	Ragsdale, William Hubert-----	1952	Feb. 21, 1948
21	Reichelderfer, Bruce Allen-----	1952	Sept. 8, 1948
14	Richerson, Rae Edward-----	1952	June 4, 1948
14	Simons, Donald William-----	1952	Do.
11	Sinclair, Alexander Malcolm-----	1951	Mar. 15, 1948
14	Smith, Ferris MacArthur-----	1952	June 4, 1948
14	Spraul, Don Louis-----	1952	Do.
14	Theodorou, Charles Louis-----	1952	Do.
14	Vogler, James Berton-----	1952	Do.
14 1	Watland, Douglas Miles-----	1952	Do.

ADVANCED

Symbol (see p. 28)	Name	Class to which advanced	Date advanced
18	Earl, William Clyde-----	1951	Sept. 3, 1948
18	French, Walter Hunt, Jr.-----	1951	June 1, 1948
20	Ingalls, Jack Francis, III-----	1950	Aug. 6, 1948
18	Johnston, Lawrence LeGrand-----	1951	June 1, 1948
18	Laighton, Robert Haley-----	1951	Do.
18	Walsh, Richard Ambrose, III-----	1951	Do.

RECAPITULATION OF MEMBERSHIP AND SEPARATIONS, ACADEMIC YEAR 1947-48

Sept. 27, 1947, to and including Sept. 22, 1948

MEMBERSHIP

	First class (1948-B)	Second class (1949)	Third class (1950)	Fourth class (1951)
Membership at beginning of fall term, academic year 1947-48.....	413	825	764	¹ 907
Turned back into class during academic year 1947-48.....			3	1
Ex-midshipman readmitted with class of 1952 and advanced to class of 1950.....			1	
Ex-midshipmen readmitted with class of 1952 and advanced to class of 1951.....				5
Total.....	413	825	768	913

¹ This membership includes the maximum enrollment of the fourth class.

SEPARATIONS

	First class (1948-B)	Second class (1949)	Third class (1950)	Fourth class (1951)	Total
Advanced.....	0	0	0	1	1
Died.....	0	1	0	0	1
Dismissed.....	1	0	0	0	1
Honorable discharges:					
Academic deficiencies.....	0	4	15	24	43
Physically disqualified.....	0	2	7	12	21
Discharged.....	0	1	0	0	1
Discharged—unsatisfactory conduct.....	2	0	0	1	3
Turned back:					
Academic deficiencies.....	0	2	1	17	20
Illness.....	0	1	0	1	2
Resignations:					
Conduct.....	0	1	1	1	3
Voluntary.....	0	19	24	48	91
Voluntary; also deficient in studies.....	0	0	2	5	7
Total.....	3	31	50	110	194

SUMMARY OF MIDSHIPMEN AT UNITED STATES NAVAL ACADEMY AT BEGINNING OF ACADEMIC YEAR 1948-49

The academic year 1948-49 began immediately after the end of the preceding academic year. In order to include the Class of 1952 the membership at the beginning of the first term (Sept. 23, 1948) is given.

First class (class of 1949)-----	794
Second class (class of 1950)-----	718
Third class (class of 1951)-----	803
Fourth class (class of 1952)-----	1,005
Total-----	3,320

PRACTICE CRUISE, 1948

The midshipmen of the first, second, and third classes were assigned to the following ships of the Midshipmen's Training Squadron: The battleship U. S. S. *Missouri*; the carrier U. S. S. *Coral Sea*; cruisers U. S. S. *Columbus* and U. S. S. *Macon*; destroyer division 61 consisting of the U. S. S. *G. K. MacKenzie*, U. S. S. *E. G. Small*, U. S. S. *Power*, and U. S. S. *Glennon* and destroyer division 141 consisting of the U. S. S. *Vesole*, U. S. S. *Leary*, U. S. S. *Dyess*, and the U. S. S. *Bordelon*. The landing ship dock, U. S. S. *Donner*, was also assigned to the training squadron for special services. On July 21 destroyer division 61 was relieved at Norfolk and the midshipmen embarked therein were assigned to destroyer division 142 consisting of the U. S. S. *E. F. Larson*, U. S. S. *Goodrich*, U. S. S. *Hanson*, and the U. S. S. *H. J. Thomas* during the period July 21 to August 24. (For the purpose of cruise practical instruction, midshipmen of the first class were embarked in a battleship, cruisers, and destroyers. First-class members of the football squad were embarked in the carrier. During the latter part of the cruise, midshipmen of the first class were embarked in submarines and destroyers for a 6-day period of indoctrination in submarine and antisubmarine training. Midshipmen of the second class were embarked in the carrier until 7 August, at which time they disembarked to take part in joint amphibious training in the vicinity of the naval base, Norfolk, Va., with the cadets, second class, of the U. S. Military Academy. Midshipmen of the third class were embarked in the battleship and cruisers during the entire cruise except for those third-class members of the football squad who were embarked in the carrier.)

The itinerary of the Midshipmen's Training Squadron was as follows:

Arrival		Departure
	Annapolis, Md.....	June 5
June 5	Hampton Roads, Va.....	June 7
June 21	Lisbon, Portugal.....	June 26
June 30	Ville Franche, France: <i>Missouri</i> , <i>Donner</i> , <i>Dyess</i> , and <i>Bordelon</i>	July 6
Do.	Golfe Juan, France: <i>Coral Sea</i>	Do.
Do.	Monaco: <i>Vesole</i> and <i>Leary</i>	Do.
Do.	Genoa, Italy: <i>Columbus</i> , <i>MacKenzie</i> , and <i>Small</i>	Do.
Do.	Leghorn, Italy: <i>Macon</i> , <i>Power</i> , and <i>Glennon</i>	Do.
July 7	Algiers: <i>Missouri</i> , <i>Donner</i> , <i>Dyess</i> , and <i>Bordelon</i>	July 10
July 9	Gibraltar: <i>Coral Sea</i> , <i>Columbus</i> , <i>Macon</i> , <i>Vesole</i> , and <i>Leary</i> ..	July 12
	(July 10—All midshipmen transferred from U. S. S. <i>Columbus</i> to U. S. S. <i>Macon</i>).	July 6
July 9	Casablanca: <i>MacKenzie</i> , <i>Small</i> , <i>Power</i> , and <i>Glennon</i>	Do.
July 21	Norfolk, Va.: <i>Columbus</i> , <i>MacKenzie</i> , <i>Small</i> , <i>Power</i> , and <i>Glennon</i>	July 22
	(Midshipmen transferred to destroyers: <i>E. F. Larson</i> , <i>Goodrich</i> , <i>Hanson</i> , and <i>H. J. Thomas</i> .)	
July 26	Guantanamo, Cuba: <i>Missouri</i> , <i>Coral Sea</i> , <i>Macon</i> , <i>Vesole</i> , <i>Leary</i> , <i>Dyess</i> , <i>Bordelon</i> , <i>E. F. Larson</i> , <i>Goodrich</i> , <i>Hanson</i> , and <i>H. J. Thomas</i>	Aug. 14
	(On July 27 the midshipmen assigned to the <i>H. J. Thomas</i> were apportioned among the ships of Destroyer Division 141 for the remainder of the cruise.)	
	<i>Coral Sea</i> departed Guantanamo.....	Aug. 3
Aug. 7	Norfolk, Va.: <i>Coral Sea</i> (Disembarked midshipmen of the second class for Camid III).....	
Aug. 24	Annapolis, Md.: (<i>Missouri</i> , <i>Macon</i> , <i>Vesole</i> , <i>Leary</i> , <i>Dyess</i> , <i>Bordelon</i> , <i>E. F. Larson</i> , <i>Goodrich</i> , <i>Hanson</i> , and the <i>A. P. A.</i> transporting midshipmen second class from Norfolk.)....	

PARTIAL LIST OF PRIZES AND AWARDS AWARDED MIDSHIPMEN DURING ACADEMIC YEAR 1947-48

Name of prize	Awarded for--	Recipient
Secretary of the Navy's rifle trophy-----	Proficiency in the use of the service carbine.--	Keith O'Keefe, class of 1948-B.
Secretary of the Navy's pistol trophy-----	Awarded to foremost pistol shot of graduating class.	Richard John Clas, class of 1948-B.
Naval Academy medals-----	Excellence in small arms target practice:	Ralph Dudley Whittier, class of 1949.
	First prize (gold medal)-----	James Douglas Butler, class of 1949.
	Second prize (silver medal)-----	Edgar Arthur Rawsthorne, class of 1949.
	Third prize (bronze medal)-----	Richard Underhill Scott, class of 1948-B.
Commendatory letters-----	Having demonstrated outstanding officer-like qualities, and contributing most by precept and example to the development of these qualities within the brigade.	Robert Eugene Schwoeffermann, class of 1948-B.
		Richard Edward Shimshak, class of 1948-B.
		Robert Norman Smith, class of 1948-B.
		Donald Duane Foulds, class of 1948-B.
		John Meredith Davis, class of 1948-B.
		George Lee Hoffman, class of 1948-B.
		Charles Glasgow Strahley, class of 1948-B.
		Paul Lewis Quirin, class of 1948-B.
		Thomas Woods, II, class of 1948-B.
		Robert Ray Carson, class of 1948-B.
		Charles Edward Hathaway, class of 1948-B.
		William Henry Barnes, III, class of 1948-B.
		Frederick Louis Nelson, class of 1948-B.
		Richard Ward Bates, class of 1948-B.
		John William McCord, class of 1948-B.
		Ben Adams Moore, Jr., class of 1948-B.

The class of 1871, U. S. Naval Academy-----	Proficiency in practical and theoretical ordnance and gunnery.	Richard Earl Nicholson, class of 1948-B.
The class of 1879, U. S. Naval Academy-----	To the final brigade commander in recognition of outstanding leadership within the brigade.	David Marquis Smith, class of 1948-B.
The class of 1897, U. S. Naval Academy (name also inscribed on the class of 1897 cup).	Having contributed most by his officerlike qualities and positive character to the development of naval spirit and loyalty within the brigade.	Charles Addison Fowler, III, class of 1948-B.
The class of 1912, U. S. Naval Academy-----	Proficiency in English	George Lee Hoffman, class of 1948-B.
The class of 1924, U. S. Naval Academy-----	Proficiency in marine engineering	Richard Underhill Scott, class of 1948-B.
The General Society Sons of the Revolution----	Proficiency in practical ordnance and gunnery.	Richard Edward Shimshak, class of 1948-B.
The National Society Daughters of the American Revolution.	Proficiency in seamanship	Ernest Carl Castle, class of 1948-B.
The United Daughters of the Confederacy (Maury prize).	Proficiency in physics	Thomas Bryan Wilson, Jr., class of 1948-B.
The Military Order of Foreign Wars-----	Proficiency in mathematics	John William McCord, class of 1948-B.
The National Society United States Daughters of 1812.	Proficiency in electrical engineering	Edward Bowen Fleming, class of 1948-B.
The Colonial Daughters of the Seventeenth Century.	Proficiency in history	Floyd Ames Smith, class of 1950.
The National Woman's Relief Corps, Auxiliary to the Grand Army of the Republic.	Proficiency in "Rules of the Road"	Francis John Suttill, Jr., class of 1948-B.
The Naval Order of the United States-----	World history contest: Senior contest: First prize----- Second prize (two winners)----- Junior contest-----	Francis John Suttill, Jr., class of 1948-B.
		Howard Norman Kay, class of 1948-B.
		Boone Case Taylor, class of 1948-B.
		Harry Joseph Donahue, class of 1949.
		{ Frank Stuart Beal, III, class of 1950.
		{ Howard Norman Kay, class of 1948-B.
		Thomas Patrick Conlin, class of 1951.

Name of prize	Awarded for—	Recipient
The American Legion National Organization.	Proficiency in United States foreign policy.	Ted William Isles, class of 1950.
The National Encampment of the Veterans of Foreign Wars of the United States.	Graduating at the head of his class for the course.	Francis John Suttill, Jr., class of 1948-B.
The Ladies Auxiliary to the Veterans of Foreign Wars.	Showing greatest improvement in weighted average mark for the course over that of fourth class year.	Richard Dana Schneider, class of 1948-B.
The Military Order of the World Wars.	Showing greatest improvement in weighted average mark of the last year of the course over that of the combined first 2 years of the course.	Roderick Bruce Moore, class of 1948-B.
The Fleet Reserve Association.	Proficiency in conduct and aptitude.	Richard Edward Shimshak, class of 1948-B.
The National Society Daughters of Founders and Patriots of America.	Proficiency in practical and theoretical navigation.	William Wegner, class of 1948-B.
The Trident Society, U. S. Naval Academy.	Public speaking contest (4 winners).	(Robert Kenyon Ripley, class of 1949. John Miller Kirk, class of 1950. James Keating Welsh, Jr., class of 1948-B. Joe Sax, class of 1950.)
Col. Robert M. Thompson.	Proficiency in practical and theoretical navigation.	William Wegner, class of 1948-B.
The Dr. Henry van Dyke.	Submitting the best original article on any naval or equally patriotic subject.	Donald Robert Morris, class of 1948-B.
The Lt. Comdr. Gardner L. Caskey.	Graduating at the head of his class for the course.	Francis John Suttill, Jr., class of 1948-B.
The Commander James Edward Palmer.	Showing the greatest improvement in the engineering course in marine engineering.	Mark John O'Friel, class of 1948-B.
The John Roach.	Showing the greatest improvement in weighted average mark for first class year over that of second class year.	Robert Allan Schultz, class of 1948-B.

The James Sturgis Willis-----	Showing greatest improvement in weighted average mark, including aptitude and conduct, for first class year over that of fourth class year.	Richard Dana Schneider, class of 1948-B.
The Jack Cobb Moore-----	Proficiency in naval aviation-----	William Newell Small, class of 1948-B.
The United States Lines-----	Proficiency in foreign languages-----	Jorge Isaac Montalvo, class of 1948-B.
The American Bureau of Shipping-----	Proficiency in mechanical drawing and descriptive geometry.	William Wegner, class of 1948-B.
Col. Robert M. Thompson binoculars-----	First place in interclass sailing-----	David Grenfell Cluett, class of 1949.
Col. Robert M. Thompson spyglass. (Spyglass unobtainable—binoculars awarded.)	Second place in interclass sailing-----	Frederick Geller Horan, class of 1949.
The Admiral DuBose Trophy-----	Proficiency in the handling of yawls-----	Hubert Bradford Loheed, class of 1948-B.
Naval Academy Athletic Association binoculars.	Proficiency in athletics-----	Edgar Newbold Smith, class of 1948-B.
Naval Academy Athletic Association cup-----	Intercompany athletic competition-----	Ian Nairn Fraser, class of 1948-B.
Thompson Trophy cup (name inscribed thereon).	Promotion of athletics-----	Richard Underhill Scott, class of 1948-B.
The Class of 1928, U. S. Naval Academy-----	His spirit and character while serving on the junior varsity squad in promoting football at the Naval Academy.	Alan Lester Jansen, class of 1948-B.
Harvard Shield (name of battalion engraved thereon).	Intramural athletic competition-----	Fourth Battalion.
Creshaw cup (name inscribed thereon)-----	Being the coxswain of the 8-oared crew winning the greatest number of races during the year.	John Patrick Gartland, class of 1949.
Stuart Oxnard Miller memorial cup (name inscribed thereon).	Contributing most to the success of the lacrosse team.	Charles Parker Coulter, class of 1948-B.
Walling-Kimmel memorial cup (name inscribed thereon).	Contributing most to the success of the tennis team.	Horace Paul Fishman, class of 1949.
Lysistrata challenge cup (name of ship inscribed thereon).	Intership competition between pulling boats manned by midshipmen on practice cruise.	The race was not held in 1948.

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COURSE OF INSTRUCTION

AT THE

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MD.

THE ONE HUNDRED AND FOURTH ACADEMIC YEAR

1948-1949



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1948

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FOREWORD

THE United States Naval Academy is maintained by the Government, under the immediate supervision of the Bureau of Naval Personnel of the Navy Department, for the training and higher education of young men for the Naval Service. The students at this institution have the rank of midshipman in the United States Navy, and are granted the degree of Bachelor of Science upon graduation. The mission of the Naval Academy is as follows:

Through study and practical instruction to provide the midshipmen with a basic education and knowledge of the naval profession; to develop them morally, mentally, and physically; and by precept and example to indoctrinate them with the highest ideals of duty, honor, and loyalty; in order that the Naval Service may be provided with graduates who are capable junior officers in whom have been developed the capacity and foundations for future development in mind and character leading toward a readiness to assume the highest responsibilities of citizenship and government.

SUMMER SCHEDULE, 1948, FOR MIDSHIPMEN OF THE FOURTH CLASS

PART I.—ROUTINE FROM SATURDAY, 19 JUNE TO 15 AUGUST (8 WEEKS)

Periods.....		1	2	3	4	5	6*	7	Evening	
Day	Bat-talion	0745-0845	0845-0945	1005-1105	1105-1205	1315-1415	1435-1535	1535-1635	2000-2145	
Monday	1	O	O	O	O	O	O	O	STUDY NOTE 2	
	2	S	S	E	E	X	X	N		
	3	†H	T	S	S	E	E	T		
	4	E	E		T	S	S			
Tuesday	1	H		X	X	S	S	T	STUDY	
	2	O	O	O	O	O	O	O		
	3	X	X		T	E	E			
	4		T	S	S	N	X	X		
Wednesday	1	NOTE 8	E	E		T	X	X	STUDY	
	2		S	S	T		E	E		T
	3		O	O	O	O	O	O		O
	4		†H	T	E	E	X	X		
Thursday	1	NOTE 8		T	S	S	E	E	T	STUDY NOTE 1
	2		S	S	X	X		T		
	3		X	X	T		S	S	N	
	4		O	O	O	O	O	O	O	
Friday	1	NOTE 8	X	X	E	E	S	S		STUDY NOTE 4
	2		†H	T	X	X		T		
	3		S	S	X	X	E	E		
	4		E	E	S	S	X	X	T	
Saturday	1	NOTE 8		T	X	X	NOTE 3	R	MOTION PICTURES	
	2		E	E	X	X				
	3		X	X	T					
	4		X	X		T				
Sunday	1		CHAPEL SUNDAY ROUTINE			R			STUDY	
	2									
	3									
	4									

*6th period starts at 1435 whenever the same subject is scheduled in both the 6th and 7th periods.
 *6th period ends at 1515 whenever the same subject is scheduled in both the 5th and 6th periods.
 †See note 11.

SCHEDULE FOR FOURTH CLASS, SUMMER OF 1948

PART IIA.—ROUTINE FROM 16 AUGUST TO 5 SEPTEMBER (3 WEEKS)

Periods-----		1	2	3	4	5	6*	7	Evening
Day	Bat- talion	0745- 0845	0845- 0945	1005- 1105	1105- 1205	1315- 1415	1415- 1515	1535- 1635	2000- 2145
Monday	1	E	E	S	S	M	X	X	ORIEN- TATION LECTURE MAHAN HALL
	2	X	X	E	E		M		
	3		M	N	N	S	S		
	4	O	O	O	O	E	E	M	
Tuesday	1	S	S		M		N	N	STUDY
	2	X	X	S	S	M	EE	EE	
	3	O	O	O	O	E	E	M	
	4		M	X	X	S	S	H	
Wednesday	1	‡M	H	E	E		X	X	STUDY
	2	O	O	O	O	M	X	X	
	3	E	E	S	S	H	X	X	
	4	S	S		M		X	X	
Thursday	1	O	O	O	O	M	X	X	EXEC. LECTURE
	2	‡H	M	E	E	S	S		
	3	X	X	S	S	E	E	M	
	4	E	E	X	X	EE	EE		
**Friday	1		M	EE	EE	E	E		MASS SINGING
	2	N	N	S	S		M		
	3	EE	EE		M	X	X		
	4	E	E	N	N	S	S	M	
Saturday	1	S	S	X	X	NOTE 3	R		MOTION PICTURES
	2	E	E	X	X				
	3		M	X	X				
	4	M		X	X				
Sunday	1	CHAPEL SUNDAY ROUTINE				R			STUDY
	2								
	3								
	4								

*6th period starts at 1435 whenever the same subject is scheduled in both the 6th and 7th periods.

*6th period ends at 1515 whenever the same subject is scheduled in both the 5th and 6th periods.

‡See note 11.

**NOTE.—On Friday, 3 September the period from 1520 to 1635 was utilized by the Department of Foreign Languages for Language Placement Tests. Those midshipmen of the 4th battalion designated to take this test recited in mathematics with third battalion during 7th period Thursday, 2 September.

PART IIB.—ROUTINE FROM 6 SEPTEMBER TO 19 SEPTEMBER (2 WEEKS)

Periods.....		1	2	3	4	5	6*	7	Evening
Day	Bat-talion	0745-0845	0845-0945	1005-1105	1105-1205	1315-1415	1415-1515	1535-1635	2000-2145
Monday	1	E	E	L		M	N	N	ORIENTA-TION LECTURE MAHAN HALL
	2	†L	M	E	E	X	X	X	
	3	EE	EE		M	S	S	L	
	4	O	O	O	O	E	E	M	
Tuesday	1	S	S	E	E	X	X	X	NOTE 8 STUDY
	2		M	S	S	L	EE	EE	
	3	O	O	O	O	E	E	M	
	4	N	N		M	S	S	L	
Wednesday	1	†H	L	EE	EE	M		X	NOTE 8 STUDY
	2	O	O	O	O		M	X	
	3	S	S		M	N	N	X	
	4	†L	M	S	S	EE	EE	X	
Thursday	1	O	O	O	O	M	X	X	EXECUTIVE LECTURE
	2		M	E	E	S	S	L	
	3	†M	L	S	S	E	E	H	
	4	E	E		M	X	X	X	
Friday	1	S	S		M	E	E	L	STUDY
	2	N	N	S	S		M	H	
	3	E	E	L		X	X	X	
	4	H		E	E	L	S	S	
Saturday	1	S	S	M					MOTION PICTURES
	2	E	E	X	X				
	3		M	X	X				
	4	M		X	X				
Sunday	1								CHAPEL SUNDAY ROUTINE R STUDY
	2								
	3								
	4								

*6th period starts at 1435 whenever the same subject is scheduled in both the 6th and 7th periods.

*6th period ends at 1515 whenever the same subject is scheduled in both the 5th and 6th periods.

NOTE.—Three hour executive drills during this period (6 Sept. to 19 Sept.) were for combat infantry exercises.

†See note 11.

SCHEDULE FOR FOURTH CLASS, SUMMER OF 1948

PART III.—ROUTINE FROM 20 SEPTEMBER TO 23 SEPTEMBER (1 WEEK)

Periods.....		1	2	3	4	5	6*	7	Evening
Day	Bat- talion	0745- 0845	0845- 0945	1005- 1105	1105- 1205	1315- 1415	1415- 1515	1535- 1635	2000- 2145
Monday	1	X	X	E	E		T	Y	ORIEN- TATION LECTURE MAHAN HALL
	2	E	E		T	X	X	Y	
	3	X	X	EE	EE	E	E	Y	
	4	EE	EE		M	X	X	Y	
Tuesday	1	E	E	X	X		N	Y	STUDY
	2	X	X	EE	EE	E	E	Y	
	3		T	E	E	X	X	Y	
	4	X	X		T	N		Y	
Wednesday	1		T	EE	EE	X	X	R	STUDY
	2	N		T		X	X		
	3	E	E		M	X	X		
	4	X	X	E	E	X	X		
Thursday	1	X	X	MOVE TO ROOMS FOR ACADEMIC YEAR	SECTION FORMATIONS FOR ACA- DEMIC YEAR			Y	STUDY
	2	X	X					Y	
	3	X	X					Y	
	4	E	E					Y	

*6th period starts at 1435 whenever the same subject is scheduled in both the 6th and 7th periods.

*6th period ends at 1515 whenever the same subject is scheduled in both the 5th and 6th periods.

NOTES TO SUMMER SCHEDULE—FOURTH CLASS

1. Executive lectures were held in Mahan Hall every Thursday evening commencing 15 July until 16 September, inclusive (except 19 August). These lectures were integrated with the Academic Section of the Executive Department as to subject matter and objectives. The Department of English, History and Government were designated the lecturers.

2. Orientation lectures were held every Monday evening commencing 19 July, 1948.

3. The Medical Department administered required vaccinations and inoculations to midshipmen. The first party reported to Sick Quarters at 0800 Saturday, 3 July, 1948.

4. Prior to 23 July and after 3 September this period was used as a study period. From Friday, 23 July to Friday, 3 September, this period was utilized for mass singing.

5. Midshipmen brought drawing instruments to initial periods in Marine Engineering for inspection by instructors. After this inspection they were not required until the week beginning 23 August.

6. Periods assigned to the Department of English, History and Government (H) were used for library drills and/or speech screening. Only those crews designated participated. For the remainder of crews within the battalion this was a free period.

7. For the period 21 June to 15 August, the morning and afternoon periods assigned to the Department of Ordnance and Gunnery were used by the Department of Aviation for designated crews. The remainder of the battalion continued with Ordnance and Gunnery. The same applied for the morning periods from 16 August to 19 September. The Department of Aviation designated the assignment of crews to Flight Indoctrination at least one week in advance where practicable.

8. The Naval Academy Aptitude Test was given on Wednesday afternoon, 11 August, during periods 5, 6 and 7 to those midshipmen who did not take the test during the April entrance examinations. On the mornings of 12, 13 and 14 August, during periods 1, 2, 3 and 4 the entire class was given a series of tests. Stragglers took the Naval Academy Aptitude Test on 8 September, during periods 5, 6 and 7 and the chemistry placement test the evening of Tuesday, 14 September.

9. Periods marked "EE" were for the use of the Department of Electrical Engineering for laboratory indoctrination for designated midshipmen (half a battalion). The Department of Electrical Engineering designated such crews at least 7 days prior to periods concerned. This gave each midshipman three double periods of laboratory indoctrination.

10. The Executive Department and the Department of Mathematics were the only departments allotted study time in preparation for a specific recitation.

11. Whenever one single period was followed immediately by a second single period in a different subject, the battalion (or that portion concerned), proceeded directly from one recitation to the other. The uniform worn to both such periods was that normally prescribed for the second of the two periods.

12. Language placement tests were given on 3 September, 1948.

KEY:

"E" Marine Engineering
 "EE" Electrical Engineering
 "H" English, History and Government
 "M" Mathematics
 "N" Executive (Navy Orientation)
 "O" Ordnance and Gunnery (Rifle Range) or Aviation*

"R" Recreation
 "S" Seamanship
 "T" Physical Training
 "X" Executive (Infantry)
 "L" Foreign Languages
 "Y" Hygiene

*See note (7).

BASIC SCHEDULE—ACADEMIC YEAR 1948-49

FIRST TERM

First term begins.....	Thursday, 23 September 1948.
First term recitations begin.....	Monday, 27 September 1948.
Brigade absent 3rd and 4th periods (Cornell)...	Saturday, 2 October 1948.
Color Company absent (Duke).....	Saturday, 9 October 1948.
Brigade absent 3rd and 4th periods (Missouri)...	Saturday, 16 October 1948.
First and Second Classes absent (Penn).....	Saturday, 23 October 1948.
Brigade absent 3rd and 4th periods (Notre Dame)	Saturday, 30 October 1948.
Armistice Day.....	Thursday, 11 November 1948.
First Class absent (Columbia).....	Saturday, 13 November 1948.
Thanksgiving Day.....	Thursday, 25 November 1948.
Brigade absent (Army).....	Saturday, 27 November 1948.
Christmas Leave begins.....	Wednesday, 22 December 1948.
Christmas Day.....	Saturday, 25 December 1948.
New Year's Day.....	Saturday, 1 January 1949.
Leaves expire: 1600, second, third, and fourth classes; 1800, first class.....	Sunday, 2 January 1949.
Recitations end.....	Saturday, 22 January 1949.
Examinations begin.....	Monday, 24 January 1949.
Examinations end.....	Saturday, 29 January 1949.

SECOND TERM

Second term recitations begin.....	Monday, 31 January 1949.
Washington's Birthday.....	Tuesday, 22 February 1949.
Recitations end.....	Wednesday, 18 May 1949.
Examinations begin.....	Thursday, 19 May 1949.
Examinations end.....	Wednesday, 25 May 1949.
June Week begins.....	Saturday, 28 May 1949.
Graduation.....	Friday 3, June 1949.
Embark on practice cruise.....	Saturday, 4 June 1949.

SUMMARY OF EMPLOYMENT ACADEMIC YEAR 1948-49

Practice cruise for first, second, and third classes	11 weeks and 3 days.
September leave for first, second, and third classes	4 weeks and 2 days (30 days).
First term, all classes—	
Recitations.....	15½ weeks.
Christmas leave.....	11 days.
Examinations.....	1 week.
Second term, all classes—	
Recitations.....	15½ weeks.
Examinations.....	1 week.
June week.....	1 week (7 days).

COURSE OF INSTRUCTION

(Reference books are marked *)

(For laboratory and other practical work see Division of Time under respective Department headings)

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Departments	Periods each week	Subjects	Textbooks
EXECUTIVE-----	1 1	Orientation-----	U. S. Naval Academy Regulations. Naval Orientation. Naval Leadership.
MARINE ENGINEERING-----	2 3	Elementary engineering drawing.	Fundamentals of Engineering Drawing, by Warren J. Luzadder. Rev. Ed. 1947.
MATHEMATICS-----	3 5	Review of plane trigonometry.	Plane and Spherical Trigonometry 1948, by Muhly and Saslaw. Logarithmic and Trigonometric Tables, by Department of Mathematics.* Manual of Mathematics and Mechanics, Second Edition, by Clements and Wilson.* Keuffel and Esser's Slide Rule No. N4081-3 with manual.*
ENGLISH, HISTORY AND GOVERNMENT.	2	Library orientation and Speech Screening. Evening lectures.	Lewis' Famous American Naval Officers. (Revised) Hammond's Advanced Reference Atlas. Webster's Collegiate Dictionary, Fifth Edition.
FOREIGN LANGUAGES-----	4 3	Spanish----- French----- Portuguese----- German----- Russian----- Italian----- Reverse Spanish-----	September Phonetic Course (U. S. N. I.), Departmental Transcription. Do. Do. Do. Do. Do. Do.

FIRST TERM

MARINE ENGINEERING-----	2 3	Engineering drawing---	Fundamentals of Engineering Drawing, by Warren J. Luzadder. Rev. Ed. 1947.
MATHEMATICS-----	5	Plane trigonometry (continued). Algebra----- Plane Analytic Geometry.	Plane and Spherical Trigonometry 1948, by Muhly and Saslaw. Brief College Algebra, Revised Edition, by Hart. Analytic Geometry, by Underwood and Sparks. Logarithmic and Trigonometric Tables, Slide Rule and Manual.*
ELECTRICAL ENGINEERING--	3	Chemistry-----	Richardson and Scarlett's General College Chemistry, Fourth edition. Department's Chemistry Laboratory Manual and Department Notes, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	Composition and literature.	Shaw's A Complete Course in Freshman English (Revised).
FOREIGN LANGUAGES-----	3	Spanish----- Spanish----- (Advanced) French----- French----- (Advanced)	Practical Spanish, by Turk. Appleton's New English-Spanish and Spanish-English Dictionary. Same as Third Class. Beginning French, by Hendrix and Meiden. Shorter French and English Dictionary, by Mansion. Same as Third Class.

¹ 16 August through 19 September 2-hour periods.

² 2-hour periods.

³ Total of 25 recitations.

⁴ Total of 6 recitations.

FIRST YEAR—FOURTH CLASS—Continued

FIRST TERM—Continued

Departments	Periods each week	Subjects	Textbooks
FOREIGN LANGUAGES—CON.		German.....	German Reading Grammar, by Sharp and Strothmann. Emil und die drei Zwillinge, by Kastner (Top Sections). Heath's New German Dictionary, by Breul.
		Portuguese.....	An Outline of Portuguese Grammar, by D'Eca and Greenfield. Anedotas fáceis, by Hamilton and Fahs. Modern Portuguese-English and English-Portuguese Dictionary, by Richardson and Sá Pereira.
		Russian.....	Russian Conversation and Grammar, compiled by Lemieux and Buffum. Russian-English Dictionary, by Muller.
		Italian.....	Present Day Italian, by Russo. Italian-English and English-Italian Dictionary, by Edgren.
		Reverse Spanish.....	Primer Curso de Inglés, by Sparkman

SECOND TERM

MARINE ENGINEERING.....	5 3	Engineering drawing...	Fundamentals of Engineering Drawing, by Warren J. Luzadder, Rev. Ed. 1947.
		Naval machinery (boilers).	Naval machinery, 1946, Part I, by Department of Marine Engineering.
		General marine engineering.	General Marine Engineering, by Department of Marine Engineering.
MATHEMATICS.....	5	Solid analytic geometry.	Analytic Geometry, by Underwood and Sparks.
		Calculus.....	Elements of Calculus, by Granville, Smith and Longley.
ELECTRICAL ENGINEERING...	3	Chemistry.....	Slide Rule, Manual and Tables.* Richardson and Scarlett's General College Chemistry, Fourth edition. Department's Chemistry Laboratory Manual and Department Notes, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	Composition and literature.	Hibbard's Writers of the Western World.
FOREIGN LANGUAGES.....	3	Spanish.....	Same as First Term plus: Sailing the Spanish Main, by Grismer. Lecturas Escogidas, by Kasten and Neale-Silva.
		Spanish (Advanced)	Same as Third Class.
		French.....	Same as First Term plus: Le Voyage de Monsieur Perrichon, by Labiche and Martin. Parlons français, by Shields.
		French (Advanced)	Same as Third Class.
		German.....	Same as First Term plus: Himmel, Mein Schuhe, by Fröschel. Say It In German, by Evans and Röseler (Top Sections).
		Portuguese.....	Same as First Term plus: Spoken Portuguese, by Kany and Pinheiro.
		Russian.....	Same as First Term.
		Italian.....	Same as First Term plus: Nel Paese Del Sole, by Russo.

⁵ 2 periods (1 period instruction, 1 period drawing) for 6 weeks of engineering drawing.

2 periods (divided into study, instruction and recitation) for 10 weeks of naval machinery and general marine engineering.

SECOND YEAR—THIRD CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
MARINE ENGINEERING.....	6 3	Engineering materials..	Engineering Materials, 1948, by Department of Marine Engineering.
	3	Basic mechanisms.....	Principles of Basic Mechanisms, by Department of Marine Engineering.
MATHEMATICS.....	5	Calculus.....	Elements of Calculus, by Granville, Smith and Longley.
		Differential equations..	Slide Rule, Manual, and Tables.*
ELECTRICAL ENGINEERING..	3	Physics.....	Lemon and Ference's Analytical Experimental Physics, revised edition, 1946.
			Department's Laboratory Manual: Physics, 1947 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	Modern European history.	Ferguson and Bruun's A Survey of European Civilization Since 1500 (second edition).
FOREIGN LANGUAGES.....	3	Spanish.....	Brief Spanish Review Grammar and Composition, by Adams. José, by Valdés.
		Spanish.....	Roman Calvo, by Grismer. La Rana Viajera, by Camba. Lecturas Técnicas En Español (Departmental Transcription).
		(Advanced)	
		French.....	A First Review of French Grammar, by Fundenburg. Chez Les Français, by Badel. Tovaritch, by Ernst and Harvitt.
		French.....	Anthology of Modern French Literature, by LeCompte and Searles.
		(Advanced)	Scènes de la vie française, by Chinard. Le Jeu De L'Amour Et Du Hasard, by Marivaux. Le Bourgeois Gentilhomme, by Molière.
		German.....	Shorter College German, by Evans and Röseler. Geissler's Der liebe Augustin, edited by Priest (Top Sections). Deutsche Kultur, by Steinhauer. Auf Höherer Warte, edited by Coenen.
		Portuguese.....	First Brazilian Grammar, by Williams. Conversas sul-americanas, by Hamilton, Lopes and Walsh.
		Russian.....	Brush Up Your Russian, by Semeonoff.
			(The Third Class uses the language dictionaries drawn at the beginning of the course.)

SECOND TERM

MARINE ENGINEERING.....	7 3	Basic mechanisms.....	Principles of Basic Mechanisms, by Department of Marine Engineering.
	3	Naval machinery.....	Naval Machinery, 1946, Parts II to IV, by Department of Marine Engineering.
MATHEMATICS.....	5	Differential equations..	Elements of Calculus, by Granville, Smith, and Longley.
		Mechanics.....	Analytic Mechanics, by Currier. Slide Rule, Manual, and Tables.*
ELECTRICAL ENGINEERING..	3	Physics.....	Lemon and Ference's Analytical Experimental Physics, revised edition, 1946.
			Department's Laboratory Manual: Physics, 1947 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2	United States foreign policy.	Bailey's A Diplomatic History of the American People.
	1	Speech.....	Monroe's Principles and Types of Speech.
FOREIGN LANGUAGES.....	3	Spanish.....	Cuentos de las Españas, by Arjona. Vamos Al Sur, by Walsh. New Naval Phraseology (U. S. N. I.).
		Spanish.....	Iberoamerica, by Castro. Don Quijote, by Cervantes.
		(Advanced)	
		French.....	Same as First Term plus: Carmen Et Autres Nouvelles, by Mérimée. New Naval Phraseology (U. S. N. I.).

⁶ 10 weeks of Engineering Materials and 6 weeks of Basic Mechanisms.

⁷ 2 weeks of Basic Mechanisms and 14 weeks of Naval Machinery.

SECOND YEAR—THIRD CLASS—Continued

SECOND TERM—Continued

Departments	Periods each week	Subjects	Textbooks
FOREIGN LANGUAGES—CON.		French----- (Advanced)	Same as First Term plus: Le Barbier de Séville, by Beaumarchais. Anthologie de Contes Français, by Moody. Vol de Nuit, by Saint-Exupéry. Knock, by Romain. Lectures Techniques (Departmental Transcription).
		German-----	Same as First Term plus: Modern Technical German (Departmental Transcription). New Naval Phraseology (U. S. N. I.)
		Portuguese-----	Same as First Term plus: Gata preto em campo de neve, by Verissimo. New Naval Phraseology (U. S. N. I.).
		Russian-----	Chrestomathy of Russian Literature, by Lemieux and Buffum. Russian Supplement to New Naval Phraseology (U. S. N. I.). (The Third Class uses the language dictionaries drawn at the beginning of the course.)
HYGIENE-----	8 1	Personal, social, naval and military hygiene.	Hayden's Elementary Hygiene, General and Naval.

THIRD YEAR—SECOND CLASS

FIRST TERM

SEAMANSHIP AND NAVIGATION.	2½	Navigation-----	Navigation and Nautical Astronomy, by Dutton.
ORDNANCE AND GUNNERY--	2	Basic ordnance and interior ballistics.	Naval Ordnance and Gunnery (Nappers 16116A). Department of Ordnance and Gunnery's pamphlets.
MARINE ENGINEERING-----	3	Fluid mechanics-----	Fluid Mechanics, 1947, by Binder.
AVIATION-----	9 1½	Principles of flight; Aerodynamics; Flying.	Principles of Flying and Department of Aviation pamphlet. Aerodynamics for Pilots—CAA Bulletin No. 26.
MATHEMATICS-----	2	Spherical trigonometry. Mechanics-----	Plane and Spherical Trigonometry, by Muhly and Saslaw. Analytic Mechanics, by A. E. Currier.
ELECTRICAL ENGINEERING--	3	Electricity and magnetism.	Slide Rule, Manual, and Tables.* Sear's Principles of Physics, Vol. II, Electricity and Magnetism, 1947 edition. Department's Electrical Laboratory Manual, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2	Government-----	Ogg and Ray's Essentials of American Government, 5th Edition.
EXECUTIVE-----	1	Leadership-----	Naval Leadership.

SECOND TERM

SEAMANSHIP AND NAVIGATION.	2½	Navigation-----	Navigation and Nautical Astronomy, by Dutton.
ORDNANCE AND GUNNERY--	2	Rockets and guided missiles, aviation ordnance, underwater ordnance, exterior ballistics.	H. O. 214. American Air Almanac. Naval Ordnance and Gunnery (Nappers 16116A). Department of Ordnance and Gunnery's pamphlets. Exterior Ballistics, 1948.
MARINE ENGINEERING-----	3	Thermodynamics-----	Energy Analysis of Naval Machinery (1940) by Department of Marine Engineering. Thermodynamic Properties of Steam (1946) by Keenan and Keys.
AVIATION-----	10 1½	Aerology and flights---	Meteorology for Pilots—CAA Bulletin No. 25.

* Hygiene course consists of 10 lectures followed by an examination.

⁹ 8 weeks of 2 periods per week and 8 weeks of 1 period per week.

¹⁰ 8 weeks of 2 periods per week and 8 weeks of 1 period per week.

THIRD YEAR—SECOND CLASS—Continued

SECOND TERM—Continued

Departments	Periods each week	Subjects	Textbooks
MATHEMATICS.....	2	Mechanics.....	Analytic Mechanics, by A. E. Currier. Slide Rule, Manual, and Tables.*
ELECTRICAL ENGINEERING..	3	Electrical engineering..	Loew's Direct and Alternating Currents, Third edition. Department's Electrical Laboratory Manual, 1948 edition.
ENGLISH, HISTORY AND GOVERNMENT.	2	Economics.....	Samuelson's Economics: An Introductory Analysis.
EXECUTIVE.....	1	Leadership.....	Naval Leadership.

FOURTH YEAR—FIRST CLASS

FIRST TERM

SEAMANSHIP AND NAVIGATION.	3	Navigation.....	Navigation and Nautical Astronomy, by Dutton. H. O. 214. H. O. 71. American Air Almanac. American Nautical Almanac. Tide and Current Tables, USC&GS. Naval Ordnance and Gunnery (Navy Pers 16116a). Department of Ordnance and Gunnery's pamphlets.
ORDNANCE AND GUNNERY..	2	Introduction to fire control, the surface fire control problem, main battery system and radar, battery alignment, naval gunfire support.	
MARINE ENGINEERING.....	2	Internal combustion engines.	Internal Combustion Engines, by Department of Marine Engineering.
AVIATION.....	2	Radiological defense...	Radiological Defense. (Navy Department pamphlet.) RAD8.
ELECTRICAL ENGINEERING..	3	Operations and control of Naval Air Missions; Flights. Electrical engineering (Continued).	Fitzgerald's Basic Electrical Engineering, 1945 edition. Department's Electrical Laboratory Manual, 1947 edition. Department's Basic Course in Electronics, 1948 edition. Department's Electronics Laboratory Manual, 1947 edition.
ENGLISH, HISTORY AND GOVERNMENT.	3	Naval history.....	Westcott's (ed.) American Sea Power Since 1775. Stevens and Westcott's History of Sea Power (1942 edition). Westcott's (ed.) Mahan on Naval Warfare.
	1	Speech.....	Monroe's Principles and Types of Speech.
	(11)	After-dinner speaking..	Department pamphlet "Hints on After-Dinner Speaking."
EXECUTIVE.....	1	Naval organization and administration; Military law.	U. S. Navy Regulations. Naval Justice. Naval Courts and Boards.

SECOND TERM

SEAMANSHIP AND NAVIGATION.	3	Rules of the nautical road. Elementary tactics. Naval tactics and operations. Naval communications. Weather.	Knight's Modern Seamanship. Naval Tactics and Operations by Department of Seamanship and Navigation, U. S. N. A. Naval Communications by Bureau of Naval Personnel.
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¹¹ Each midshipman will average 3 speeches.

FOURTH YEAR—FIRST CLASS—Continued

SECOND TERM—Continued

Departments	Periods each week	Subjects	Textbooks
ORDNANCE AND GUNNERY--	2	The antiaircraft fire control problem, antiaircraft fire control system and radar, relative rate antiaircraft system and radar.	Naval Ordnance and Gunnery (Nav-Pers 16116A). Department of Ordnance and gunnery's pamphlets.
MARINE ENGINEERING-----	2	Principles of ship design and damage control.	Principles of Ship Design and Damage Control, by Department of Marine Engineering.
AVIATION-----	2	Aviation----- Flight physiology----- Progress of Naval aviation flights.	Aviation Textbook. Department of Aviation pamphlet. Navy Department pamphlet.
ELECTRICAL ENGINEERING--	3	Electronics-----	Department's Basic Course in Electronics, 1948 edition. Department's Electronics Laboratory Manual, 1947 edition.
ENGLISH, HISTORY AND GOVERNMENT.	4	Naval history, advanced exposition, and elements of national power.	Department Handbook of Exposition. Sprouts' Foundations of National Power. Pearcy, Fifield and Associates World Political Geography Westcott's (ed.) American Sea Power Since 1775. Westcott's (ed.) Mahan on Naval Warfare. Stevens and Westcott's History of Sea Power, 1942 edition.
	(11)	After-dinner speaking--	Department pamphlet, "Hints on After-Dinner Speaking." Monroe's Principles and Types of Speech.
EXECUTIVE-----	1	Leadership-----	Naval Leadership.

¹¹ Each midshipman will average 3 speeches.

NOTE.—The 1948-49 series of Special Lectures for the first class includes 7 lectures devoted to the social-humanistic area; 8 to the operational area; and 7 to the technical area.

Assignment of recitation time to departments 1948-49

[By class and term-hours per week]

Class-----	Fourth		Third		Second		First	
Year-----	1952		1951		1950		1949	
Term-----	First	Second	First	Second	First	Second	First	Second
Weeks-----	16	16	8 8	8 8	8 8	8 8	8 8	8 8
Executive-----					1	1	1	1
Seamanship and navigation-----					2 3	3 2	3	3
Ordnance and gunnery-----					2	2	2	2
Marine engineering-----			3	3	3	3	2	2
Aviation-----					0 1	1 0	0 2	2 0
Mathematics-----	5	5	5	5	2	2		
Electrical engineering-----	3	3	3	3	3	3	3	3
English, history and government-----	3	3	3	3	2	2	4	4
Foreign languages-----	3	3	3	3				
Hygiene-----			0 †					
Total-----	14	14	17	17	15 17	17 15	15 17	17 15

† Hygiene conducts course through a series of lectures followed by an examination.

Assignment of laboratory, practical work, drawing, practical instruction and classroom lecture time to departments

[By class and term-hours per week]

Class.....	Fourth		Third		Second		First	
Year.....	1952		1951		1950		1949	
Term.....	First	Second	First	Second	First	Second	First	Second
Weeks.....	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8
Executive.....	2 0	0 2	2 0	0 2	2 0	0 2	2 0	0 2
Seamanship and navigation.....		1 0	1 2	2 1	3 1	1 3	3	2
Ordnance and gunnery.....					0 1	1 0	1	2
Marine Engineering.....	6	6	2	2	2	2	2	2
Aviation.....					2 0	0 2	2 0	0 2
Electrical Engineering.....	2	2	2	2	0 2	2 1	2	2
Hygiene †.....	1 3	2 1	1 2	$\frac{3}{8}$ $\frac{7}{8}$	3 2	2 1		
Physical training.....								
Total.....	11 11	11 11	8 8	8 $\frac{3}{8}$ 8 $\frac{7}{8}$	12 8	8 12	12 8	8 12

† Hygiene conducts course through a series of lectures followed by an examination.

Coefficients academic year 1948-49

Class.....	Fourth		Third		Second		First	
Year.....	1952		1951		1950		1949	
Aptitude.....			4.0		9.0		18.0	
Conduct.....	3.0		3.0		4.0		6.0	
Nonacademic total.....	3.0		7.0		13.0		24.0	
Term.....	First	Second	First	Second	First	Second	First	Second
Executive (academic).....					1.9	1.9	2.2	2.3
Seamanship and navigation.....					5.2	5.4	7.2	6.7
Ordnance and gunnery.....					3.8	3.8	4.4	4.5
Marine engineering.....	3.3	3.3	5.9	5.7	7.6	7.5	6.7	6.7
Aviation.....					.9	.9	2.2	2.3
Mathematics.....	5.6	5.6	7.3	7.1	3.8	3.8		
Electrical engineering.....	4.4	4.5	5.9	5.7	6.6	7.5	8.9	9.0
English, history and government.....	3.3	3.3	4.4	4.3	3.8	3.8	8.9	9.0
Foreign languages.....	3.3	3.3	4.4	4.3				
Physical training.....	1.1	1.0	1.1	1.0	2.4	1.4		
Hygiene.....				.9				
Academic totals: Term.....	21.0	21.0	29.0	29.0	36.0	36.0	40.5	40.5
Year.....	42.0		58.0		72.0		81.0	
Grand total.....	45.0		65.0		85.0		105.0	

RECITATIONS AND PRACTICAL INSTRUCTION 1948-49

The academic year consists of three terms; namely, summer term, first term, second term. The work undertaken during the summer term varies with each class. For the three senior classes the period is divided as follows: for the class of 1949, 11½ weeks cruise in a battleship, cruisers and destroyers, including 1 week of destroyer-submarine operations, and 4½ weeks leave; for the class 1950, 9½ weeks cruise in a carrier, 2 weeks of amphibious operations in conjunction with Army cadets, and 4½ weeks leave; for the class of 1951, 11½ weeks cruise in a battleship and cruisers, and 4½ weeks leave.

The first and second terms consist of 15½ weeks of recitation each, and 1 week of examinations each term for all classes. The class of 1952 and subsequent classes during the eight terms of academic work at the Naval Academy will spend approximately 2,015 hours in recitations and 1,250 hours in practical laboratory exercises and drills. In addition to the foregoing, these classes will have had approximately 3 months of indoctrinational training during their initial summer, a practice cruise in modern combatant ships at the end of their fourth class year, and a second and similar practice cruise at the end of their second class year. The summer following their third class year will be spent training in amphibious operations and a practice cruise in carriers. During this latter phase, aviation operational and theoretical training will be stressed.

The fourth classmen enter during the summer term between 15 June and the end of September. However, 90 percent of the class will have entered by mid-August. This summer term is spent in infantry drills, in pulling and sailing boats, on the rifle range, in introduction to naval aviation, including flights in primary training planes and in patrol-bombing planes, in physical training and other outdoor drills. Three 2-hour recitations per week in general marine engineering and basic shop practices are given during June and July, and during August and September the fourth classmen attend a few recitations in the departments of marine engineering; mathematics; English, history and government; and foreign languages, totaling approximately 80 hours. In addition, they receive a course of four lectures in the department of hygiene. A 1-hour per week orientation course continues throughout the summer.

The normal academic routine during the first and second terms provides for 5½ days of recitations, lectures, drills, and practical instruction each week distributed according to the tables on pages 12-13 of this pamphlet. A 2-hour evening study period is provided every evening except Saturday and on those occasions when special lectures are scheduled. The academic day is divided into eight 1-hour recitation periods on Monday and Friday, six 1-hour recitation periods on Tuesday, Wednesday and Thursday, and four 1-hour recitation periods on Saturday morning.

RÉSUMÉ OF COURSE OF INSTRUCTION 1948-49

EXECUTIVE

The Commandant of Midshipmen commands the brigade of midshipmen and is head of the Executive Department.

The Commandant of Midshipmen, as head of the Executive Department, is charged with the supervision of the physical and mental well-being of midshipmen; and with the preparation of the midshipmen mentally, psychologically, and through indoctrination and the development of character for the exercise of command. The specific objectives are:

(a) To develop the character and guide the development of habits of cooperation and coordinated existence and effort.

(b) To inculcate discipline and to foster the spirit of subordination of self to a common purpose to the end of concentrated and coordinated action.

(c) To develop the psychology and technique of leadership in order that the young officer may be able to inspire others to their best efforts.

(d) To familiarize the midshipman with the "tools" of command—Articles for the Government of the Navy; Navy Regulations particularized in the field of command; command relationships; Organization and Administration of the Navy; Military Law.

The above objectives are realized as follows:

(a) By routine and regulated existence under supervision of selected officers; by infantry and associated drills; by lectures and example; and by a system of reward and punishment. The mark in "Aptitude for the Service" reflects general character as well as leadership and general proficiency.

(b) By example; by opportunity during first class year for the exercise of authority and assumption of responsibility; by a specific course in Leadership during the second class and first class years, which is designed to prepare the midshipmen for the exercise of leadership during their naval career. A textbook, written from a naval point of view, and embodying the applied psychology involved, is used in this course. The text is supplemented by classroom discussion, with particular emphasis on specific application and modern historical example.

Division of time (Leadership)

		Number of hours	Total
FOURTH CLASS			
Summer term-----	Orientation-----	20	30
	Lectures-----	10	
SECOND CLASS			
First term-----	Principles-----	6	17
	Psychology-----	10	
	Examination-----	1	
Second term-----	Techniques-----	8	17
	Related material-----	6	
	Teaching methods-----	2	
	Examination-----	1	
FIRST CLASS			
First term-----	Naval organization and administration-----	4	17
	Navy regulations-----	2	
	Military law-----	10	
	Examination-----	1	
Second term-----	Psychology-----	4	17
	Techniques-----	8	
	Related material-----	4	
	Examination-----	1	

SEAMANSHIP AND NAVIGATION

The professional study in this department is shaped to indoctrinate and educate midshipmen in the art and science of seamanship and navigation. The course is designed to provide integration of fundamental theory with operational techniques.

The course is conducted in two phases. The first, extending over the first two years and enhanced by the illuminating experience of practice cruise training, provides a progressive indoctrination in basic elements of the naval profession; familiarization with all types of boats, underlying principles and applications of rules of the nautical road, lookout duties, chart usage, weather maps and signaling. The second phase, extending over the last two years and pointed up by more advanced practice cruise training, founds the midshipman in that essential to his professional education, the theory and practice of navigation and piloting. Also during this phase the student is grounded in the elements of tactics and given a broad concept of naval operations, together with a study of their components; the role of the Combat Information Center, an overview of communications and the naval communication system, the tactical aspects of anti-submarine warfare, weather and the handling of ships in emergency situations. The midshipman is thus equipped with the foundation of professional knowledge requisite to an immediate reasonable usefulness as he progresses into the sphere of duties of the junior line officer of the Navy and fundamental to his continued professional development as a naval officer.

FOURTH CLASS SUMMER TERM

Six hours per week are devoted to elementary drills in pulling and sailing boats, knot tying, motor launches, Rules of the Road, charts, signaling and the duties of telephone talkers and lookouts.

FOURTH CLASS YEAR

Drills are given in signals, ground tackle, and interior communications. A series of lectures is given at the end of the year for indoctrination in shipboard functions.

THIRD CLASS SUMMER CRUISE

The midshipmen are embarked in a man-of-war for a cruise of three months duration during which practical instruction is given in seamanship as well as other subjects. The instruction under this department is based on Navy Training Course "Seaman First Class," supplemented by a department pamphlet and practical drills in deck seamanship, and watches in the various divisions of the ship's operations department.

THIRD CLASS YEAR

Practical instruction is given in sailing tactics, powerboat handling, rules of the nautical road, weather, charts, voice radio procedure, the ship's log, anchoring, towing, fueling and mooring.

SECOND CLASS CRUISE

The midshipmen are embarked in carriers for nine weeks. Drills under this department are devoted to communications, log writing and use of ciphers. In addition the second class stand watches in the various divisions of the operations department throughout the cruise.

SECOND CLASS YEAR

Classroom and practical instruction are given in navigation, including charts, theory and adjustment of the magnetic compass, piloting, nautical astronomy and star identification, lines of position, the sextant, time, the American Air Almanac, solution of the astronomical triangle by Hydrographic Office Publication No. 214,

maneuvering board and the role of Combat Information Center in modern naval warfare. Drills are devoted to the use of navigational instruments, piloting, ship-handling tactics, Combat Information Center techniques and the tactical aspects of antisubmarine warfare.

FIRST CLASS CRUISE

During the summer cruise midshipmen of the first class utilize their classroom knowledge of navigation by actually doing a navigator's day's work, including celestial observations, solution and plotting of sights, star identification, piloting, including Loran navigation and radar piloting. Drills are devoted to duties of the division officer, ground tackle and coding, and midshipmen, in addition, stand watches in the various divisions of the ship's operations department.

FIRST CLASS YEAR

Classroom and practical instruction are given in Loran navigation, radar piloting, tides, currents, great circle sailing, time, aircraft compasses, Polar navigation, advanced piloting and maneuvering board problems. Following the course in navigation is classroom instruction in rules of the nautical road, weather, elementary tactics, communications and naval operations.

Drills are devoted to adjustment of the magnetic compass, shiphandling, emergency shiphandling, radar piloting, Loran navigation, Combat Information Center techniques, antisubmarine warfare, tactics, elementary tactical formations and maneuvers.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total	
FOURTH CLASS YEAR							
Summer term ¹ -----	Practical seamanship-----	84	92	None-----			
First term-----	Practical seamanship-----	0		do-----			
Second term-----	Practical seamanship-----	8		do-----			
THIRD CLASS YEAR							
First term-----	Practical seamanship-----	24	48	do-----			
Second term-----	Practical seamanship-----	24		do-----			
SECOND CLASS YEAR							
First term-----	Shiphandling-----	8			Navigation-----	40	
	Tactics-----	4					
	Piloting-----	4					
	Navigation-----	16					
Second term-----	Anti-sub. warfare-----	4	64	do-----	32	80	
	Combat Info. Center-----	4		Combat Info. Center-----	5		
	Navigation-----	24		Maneuvering board-----	3		
FIRST CLASS YEAR							
First term-----	Shiphandling-----	10		Navigation-----	28	48	
	Radar piloting-----	4		Maneuvering board-----	6		
	Compass adjustment-----	4		Air navigation-----	8		
	Loran-----	3		Combat Info. Center-----	6		
	Combat Info. Center-----	8	48				
	Emerg. shiphandling-----	3					
	Navigation-----	16					
Second term-----	Loran-----	3		Rules of the road-----	12		
	Combat Info. Center-----	8	32	Elementary tactics-----	4		
	Emerg. shiphandling-----	3		Tactics and operations-----	20		
	Anti-sub. warfare-----	4		Communications-----	7		
	Tactics-----	14		Weather-----	5		
			32			48	

¹ This is a maximum amount for those fourth classmen who enter earliest. Those who enter later receive a less amount of practical work during this summer term.

ORDNANCE AND GUNNERY

The objective of the department is twofold: To produce capable junior officers for gunnery duty; and to provide them with the background necessary for further development in this field. Midshipmen are educated in the fundamental principles of naval ordnance and fire control systems and are trained in the operation and control of ordnance material. They are introduced to the capabilities and limitations of basic elementary weapons and are familiarized with the general nature of naval destructive potentiality in order that an early interest in modern naval weapons and their broad purposes may be created.

Basically, the Department of Ordnance and Gunnery deals with ultimate military objectiveness. Every effort is made during the final year at the academy to develop in the student an appreciation of naval combat as a synthesis of fire power (applications of weapons) and movement (tactics)—a synthesis in which, in the final analysis, the naval officer exercises the role of leadership and tactical direction.

FOURTH CLASS SUMMER TERM

During their first summer, the midshipmen receive practical instruction at the rifle range in nomenclature, disassembly and assembly of small arms. Under the direct supervision of experienced marine coaches, they become thoroughly familiar with the offensive potentiality of small arms by firing the service rifle, carbine, and pistol. They also receive combat instruction and a familiarization course in automatic rifles and submachine guns.

SECOND CLASS YEAR

Classroom recitations in ordnance and gunnery begin with the first term of second class year. During this term, the course includes an introduction to ordnance, explosives, armor and projectiles, ammunition, gun assemblies, interior ballistics, mounts and turrets, and automatic control equipment. In the second term, study covers rockets and guided missiles, torpedoes, aviation ordnance, mines, anti-submarine weapons, and exterior ballistics. Practical instruction during this year is designed to closely parallel the classroom instruction.

FIRST CLASS YEAR

Classroom and practical instruction are very closely coordinated during this year to cover an introduction to fire control, the analytical and graphic solution of the surface fire control problem, a typical main battery system, battery alignment, naval gunfire support, the anti-aircraft fire control problem, a typical anti-aircraft fire control system, relative rate fire control systems, and fire control radars.

THE SUMMER CRUISES

The above course of instruction is augmented by practical instruction during the three summer practice cruises on combatant ships. Midshipmen control and fire all calibers of guns in the standard types of target practices.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term-----	Small arms-----	83	83	None-----		
THIRD CLASS YEAR						
Practice cruise-----	General ordnance-----	50	50	do-----		
SECOND CLASS YEAR						
Practice cruise-----	do-----	20		do-----		
First term-----	do-----	8		Introduction to ordnance-----	1	
				Explosives-----	3	
				Armor and projectiles-----	2	
				Ammunition-----	3	
				Gun assemblies-----	3	
				Interior ballistics-----	3	
				Turret installations-----	3	
				Semi-automatic weapons-----	5	
				Automatic weapons-----	4	
				Automatic control equipment-----	3	
				Review-----	2	
Second term-----	do-----	8	36	Rockets and guided missiles-----	3	32
				Torpedoes-----	4	
				Aviation ordnance-----	6	
				Mines-----	2	
				Anti-submarine weapons-----	3	
				Exterior ballistics-----	12	
				Review-----	2	
FIRST CLASS YEAR						
Practice cruise-----	General ordnance-----	40		None-----		
First term-----	Fire control-----	16		Introduction to fire control-----	2	
				Analytical and graphic solution-----	4	
				Typical main battery system-----	12	
				Main battery radar-----	3	
				Battery alignment-----	5	
				Naval gunfire support-----	4	
				Review-----	2	
Second term-----	do-----	32	88	The antiaircraft fire control problem-----	6	32
				Typical antiaircraft system-----	16	
				Antiaircraft radar-----	2	
				Relative rate antiaircraft system and radar-----	5	
				The junior gunnery officer-----	1	
				Review-----	2	
						32

MARINE ENGINEERING

The courses in marine engineering give the midshipmen an engineering background based on fundamental theories and their naval applications. When combined with experience, this will insure the critical sense in that field essential to decision in a command role.

Time allotted to this department:

	Hours
Recitations-----	256
Practical instruction, including laboratory and drawing time-----	384
Preparation-----	256
Evening lectures-----	4

RECITATIONS

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Elementary engineering drawing.—Instruction and practice in the use of mechanical drawing instruments. Lettering. Engineering geometry.

FIRST TERM

Engineering drawing.—Instruction in the fundamentals of engineering drawing and mechanical drafting procedures leading to creation of accurate, legible drawings. Applications of orthographic and pictorial projection to engineering drawings. Drawing standard fastenings, employing data obtained from tables of standards. Making dimensional sketches from models, and pencil working drawings from sketches. Producing simple detail working drawings from dimensioned assembly drawings and simple assembly drawings from detail drawings. Intersection of solids and the development of geometrical surfaces, and their practical application to engineering drawing.

SECOND TERM

Engineering drawing.—A continuation of the work of the first term.

Boilers.—Naval boilers, feed water and fuel oil apparatus, and their operation.

General marine engineering.—A brief study of the machinery installations of the ships comprising the training squadron for the summer practice cruise, and of the organization of an engineering department aboard ship.

SECOND YEAR—THIRD CLASS

FIRST TERM

Engineering materials.—A general study of engineering materials—iron and steel, alloys, petroleum products and plastics, including their fabrication, properties, application and strategic considerations.

Basic mechanisms.—Principles of graphical mechanics and the basic mechanisms—linkages, gear trains, cams and levers.

SECOND TERM

Basic mechanisms.—A continuation of the work of the first term, including a study of simple machines.

Naval machinery.—Elementary principles of turbines, their design features and operation, including reduction gears, shafting and bearings. Elementary principles, design features and operation of various units of auxiliary machinery in a modern steam engineering installation. Basic engineering fundamentals are stressed throughout the course. Extensive use is made of sectionalized units of machinery under study and of scale models of actual machinery installations in various types of ships.

THIRD YEAR—SECOND CLASS

FIRST TERM

Fluid mechanics.—A basic study of the properties, behavior and energy relationships of fluids in motion covering the elements of hydromechanics with particular reference to the pumping, metering, and piping of liquids; the dynamics of incompressible and compressible flow of gases, including the fundamentals of aerodynamics and the special problems presented by supersonic velocities; and a continued emphasis on the general energy equation including the thermal aspects thereof in preparation for the thermodynamics phase of the course.

SECOND TERM

Thermodynamics.—A continuation of the first term's work in the field of thermodynamics covering the transportation and conversion of energy through the medium of the usual working substances such as air, steam and freon. The various processes and cycles associated with the working substances are analyzed and their practical applications in actual equipment such as turbines, air compressors, heat exchangers and refrigeration machines are studied.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Internal combustion engines.—Thermodynamic principles applied to internal combustion engines, theoretical and actual internal combustion engine cycles, fuel-air mixtures, internal combustion engine fuels, combustion processes, the principles of operation and construction of various types of internal combustion engines—reciprocating engines, gas turbines, jet engines, rocket engines—and their auxiliaries, the performance characteristics and limitations of actual engines.

SECOND TERM

Principles of ship design and damage control.—Elementary principles affecting ship design and damage control including geometry and nomenclature of a ship; buoyancy and principles of stability in undamaged and damaged condition; elementary study of the structural strength of ships to give proper appreciation of the effects of stresses in any condition; water resistance to ship's motion and propulsive power requirements.

PRACTICAL WORK

FIRST YEAR—FOURTH CLASS

SUMMER TERM

General marine engineering and basic shop practices.—An introduction to the nomenclature and study of marine and mechanical engineering through examinations of sectioned machinery elements typical of modern naval installations; and of reduced scale models of naval machinery and machinery spaces of modern naval vessels. Practical instruction in, and demonstrations of the following basic shop practices; patternmaking, foundry, machine shop, coppersmithing, gas and electric welding.

SECOND TERM

Naval boilers and general marine engineering.—Explanations, exhibitions of sound motion pictures and slide films, and examination of models covering the following subjects: steam water cycle, boilers, main engine auxiliaries, main engines, lubricating oil fuel and feed systems in preparation for summer cruise.

SECOND YEAR—THIRD CLASS

FIRST TERM

Engineering materials.—Physical tests of materials, heat treatment of metals and alloys, metallographic examinations, demonstrations of welding and machine shop practices, specification tests of fuels and lubricants.

Basic mechanisms.—Inspection and demonstration of models of mechanisms; examination and demonstration of the application of mechanisms in machinery—machine tools, hoists, internal combustion engines, transmissions and control apparatus; analytical and graphic solution of problems in kinematics.

SECOND TERM

Basic mechanisms.—Practical work continues through to completion of course.

Naval machinery.—Investigation into the details of construction, assembly, and adjustment of turbines and auxiliary machinery used on naval vessels, including operating instructions. Inspection of battleship, large cruiser, and destroyer machinery space models.

THIRD YEAR—SECOND CLASS

FIRST TERM

Fluid mechanics.—A series of experiments including measurement of liquid flow through orifices; measurement of air flow in a pipe by various common devices such as pitot tube and venturi meter; determination of critical Reynolds' Number for water; determination of frictional losses in pipes and standard fittings; development of characteristic curves for a conventional centrifugal pump; study of high velocity flow of gas in a nozzle; demonstration of smoke tunnel technique and flow patterns around air foils and through pipe fittings; demonstration of compressibility effects on air foils (motion pictures). The entire laboratory course is prefaced with a lecture and practical work dealing with the writing of engineering reports.

SECOND TERM

Thermodynamics.—A series of experiments designed to illustrate fundamental thermodynamic concepts using standard naval equipment, including auxiliary turbines, vapor compression distilling units, air compressors and vapor compression refrigerating machines. The early laboratory periods are devoted to an exercise in the use of Steam Tables and the graphical representation of the properties of steam on various coordinate systems.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Internal combustion engines.—A series of laboratory exercises which are designed to permit the student to verify important principles and theories studied in the classroom and to become familiar with the mechanical cycles of operation of modern internal combustion engines, gas turbines, and their important auxiliaries.

SECOND TERM

Principles of ship design and damage control.—Laboratory exercises with models to demonstrate principles of buoyancy and stability supplemented by motion pictures and special devices.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term-----	General marine engineering and basic shop practices-----	60	90			
	Elementary engineering drawing-----	30				
First term-----	Engineering drawing-----	96	96	Examination-----	3	
Second term-----	Engineering drawing-----	36		Examination-----	3	
	Naval machinery-----	48		Examination-----	2	
	General marine engineering-----	12	96			8
Total for fourth class year-----			282			8
THIRD CLASS YEAR						
First term-----	Metals Lab.-shops-----	20	32	Engineering materials-----	30	
	Basic mechanisms-----	12		Examination-----	2	
				Basic mechanisms-----	18	
				Examination-----	2	
Second term-----	Basic mechanisms-----	4	32	Basic mechanisms-----	6	52
	Model room and laboratories-----	28		Examination-----	2	
				Naval machinery-----	42	
				Examination-----	3	
Total for third class year-----			64			53
						105
SECOND CLASS YEAR						
First term-----	Fluids mechanics laboratory-----	32	32	Fluid mechanics-----	48	
				Examination-----	3	
Second term-----	Thermodynamics-----	32	32	Thermodynamics-----	48	51
				Examination-----	3	
Total for second class year-----			64			51
						102
FIRST CLASS YEAR						
First term-----	Internal combustion engines laboratory-----	32	32	Internal combustion engines-----	32	
				Examination-----	3	
Second term-----	Damage control laboratory-----	32	32	Principles of: Ship design and damage control-----	32	35
				Examination-----	3	
Total for first class year-----			64			35
						70

AVIATION

1. *General objective.*—To instruct the midshipmen in those fundamentals of aviation which every naval officer must know; and to give them an insight into, and understanding of, the uses and potentialities of naval aircraft.

2. *Specific objectives.*—

(a) To impart a basic knowledge of aviation history, nomenclature and fundamental theory in order that the midshipmen may attain an understanding of basic aviation principles and be able to comprehend their application in other references and study.

(b) To impart a general knowledge of existing aeronautical organizations and facilities in order that a well-balanced view of the place of aviation in the naval establishment may be obtained.

(c) To familiarize the midshipmen with the characteristics (including armament and armor) and tactical uses of naval aircraft, the basic considerations governing their use, in order to foster an appreciation and understanding of the problems of employment of naval aircraft and their coordination with ground, surface, and under-surface units.

3. These objectives are realized in a step by step development based on the following considerations:

(a) First, instruct the midshipmen *why* a plane flies, by the study of aerodynamics.

(b) Second, instruct the midshipmen in aerology—the medium through which the aircraft flies.

(c) Third, instruct the midshipmen in operation and control of aircraft in flight, both positive and remote.

(d) Fourth, instruct the midshipmen in flight planning and in uses, potentialities and limitations of aircraft in naval air missions through the study of Avigation.

(e) Fifth, integrate with the foregoing, the subjects of naval air organizations, special aspects of naval aviation, and radiological defense, together with active participation in aerial flights to support the first four considerations enumerated above.

DESCRIPTION OF COURSE

Part I—An introduction to naval aviation at Naval Air Facility, Naval Academy, during fourth class summer.

Part II—Dunking drill, during the spring of academic year, for all third classmen in preparation for the summer cruise and in the interest of flight safety.

Part III—A cruise on board an aircraft carrier during second class summer.

Part IV—Academic instruction, lectures and practical instruction, including flying, during the regular second class academic year.

Part V—Academic instruction, lectures and practical instruction, including flying, during the regular first class academic year.

Supplementing these parts will be voluntary flying conducted from the Naval Air Facility, Annapolis, during week-end periods as authorized in accordance with the policy established by the Superintendent.

PART I

During fourth class summer at Naval Air Facility. Three periods of 2 hours each.

First period.—Ground instruction in aviation safety precautions and equipment; cockpit and plane familiarization; tour of the Naval Air Facility; lecture on flight physiology.

Second period.—A demonstration flight in an N3N type seaplane trainer.

Third period.—A demonstration flight in a PBV type, patrol bomber amphibian.

PART II

During regular academic second term (Spring) of the third class year.

One practical instruction in which each midshipman learns how to properly escape from a ditched aircraft in a simulated emergency by being dunked in the water.

PART III

Second class summer.

Aviation instruction aboard an aircraft carrier. The presentation, consisting of three phases, is premised along practical lines to acquaint midshipmen with the teamwork required and a working knowledge of the carrier and its operating aircraft.

(a) Practical instruction is given in the form of training films and illustrations that will be encountered in the second and third phases. For example: Safety lectures are given, films are shown on plane characteristics, carrier organizations, air group operations, type missions, air weapons (bombs, rockets, and machine guns), fighter direction in Combat Information Center.

(b) Midshipmen participate as passengers and observe the application of the material presented in (a) above.

(c) In the third phase the midshipmen are integrated into shipboard divisions and are assigned duties to learn by doing. Divisional assignments include participation in servicing aircraft, spotting of hangar and flight decks, Fighter Direction Control, members of fire and repair parties, and routine divisional upkeep and maintenance.

PART IV

During the regular academic terms of the second class year.

Two hours weekly, totaling 32 hours for the year, during the months of October, November, April and May of practical instruction including principles of flight, aerology, and flight indoctrination.

One hour weekly, totaling 16 hours, during the months of December, January, February, and March of academic instruction including aerodynamics and aerology.

PART V

During the regular academic terms of the first class year.

Two hours weekly, totaling 32 hours for the year, during the months of October, November, April, and May of practical instruction including radiological defense, flight physiology, progress of naval aviation, and flight indoctrination.

Two hours weekly, totaling 32 hours, during the months of December, January, February, and March of academic instruction including operations and control of naval air missions, and aviation.

PART VI.—*Division of time*

		Num-ber of hours	Total
FOURTH CLASS YEAR			
Summer term-----	Introduction to naval aviation-----	6	6
THIRD CLASS YEAR			
Second term-----	Dunking drill-----	1	1
SECOND CLASS YEAR			
First term-----	Practical instruction and flying-----	16	48
	Academic instruction-----	8	
Second term-----	Practical instruction and flying-----	16	
	Academic instruction-----	8	
FIRST CLASS YEAR			
First term-----	Practical instruction and flying-----	16	64
	Academic instruction-----	16	
Second term-----	Practical instruction and flying-----	16	
	Academic instruction-----	16	
Total second and first class years-----			112

MATHEMATICS

1. *General objective.*—To educate the midshipmen in those branches (and their applications) of the sciences of mathematics and mechanics that will enable them to understand and apply the mathematical concepts and principles underlying the theory and practices of the technical subjects taught in the other departments of the Naval Academy, and which will be of practical use to them in their profession.

2. *Specific objectives.*—

(a) To give a comprehensive review of plane trigonometry as covered by the entrance requirements in order to establish a common background for further study.

(b) To teach mathematics not as a pure science but as a tool of the technical professions, and to teach only those branches of it which have direct naval application. The branches taught are algebra, plane and solid analytics, calculus, differential equations, applied mechanics, and spherical trigonometry.

(c) To complete the subjects of algebra, analytics, and calculus as soon as practicable in order that these mathematical tools may be available, at an early stage, to the other technical departments.

(d) To stress the practical application of mathematics, particularly with respect to the requirements of the technical departments.

(e) To maintain close liaison with the technical departments in order that correlation and coordination may be established and duplications and diverse concepts and methods may be avoided.

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Comprehensive review of plane trigonometry.

FIRST TERM

Plane trigonometry.—Applications of vectors; inverse functions; equations.

College algebra.—Inequalities; complex numbers, treated both analytically and graphically, including the application of DeMoivre's theorem to the extraction of roots, etc.; theory of equations, including the remainder theorem, synthetic division, graphs of polynomials, Descartes' rule of signs, and the solution of numerical equations; determinants.

Analytic geometry.—Fundamental ideas, loci, curves, and equations; the straight line, the circle, parabola, ellipse, and hyperbola—their equations, properties, and applications; transformation of coordinates and simplification of equations; polar coordinates; parametric equations.

SECOND TERM

Solid analytic geometry.—Fundamental ideas; equations of planes, lines and quadric surfaces; cylindrical and spherical coordinates.

Calculus.—Fundamental ideas on variables, functions, and limits; the process of differentiation; derivation and use of the formulas for finding the derivatives of algebraic functions; application of the derivative to tangents, maxima and minima, and rate problems; successive differentiation and applications; differentials; integration of simple forms; the definite integral and applications of integration to the calculation of areas, volumes, the length of curves, centroids, work; differentiation of logarithmic, exponential and trigonometric functions.

SECOND YEAR—THIRD CLASS

FIRST TERM

Calculus.—Differentiation of transcendental functions, parametric and polar equations; curvature and radius of curvature; theorem of mean value and its application to indeterminate forms; integration of standard forms and further applications of integration to the calculation of areas, volumes, length of curves, etc.; infinite series and the expansion of functions by Maclaurin's and Taylor's formulas; hyperbolic functions; partial differentiation; multiple integrals.

Differential equations.—First order of differential equations; variables separable, homogeneous equations, linear equations; special types of second order equations; linear homogeneous and non-homogeneous equations with constant coefficients; applications to mechanics, physics, and engineering.

SECOND TERM

Differential equations continued.—(See first term.)

Mechanics (statics; dynamics of a particle).—Composition and resolution of forces; moments of forces; equilibrium; trusses; center of gravity; moment of inertia; friction; velocity and acceleration; Newton's laws of motion; motion of a particle acted on by a constant force; simple harmonic motion; damped vibrations; forced vibrations, and resonance; tangential and normal components of acceleration; radial and transverse components of acceleration; centripetal and coriolis acceleration.

THIRD YEAR—SECOND CLASS

FIRST TERM

Spherical trigonometry.—Geometry of the sphere; derivation of the fundamental formulas of spherical trigonometry; solution of right spherical triangles by Napier's rules of circular parts; solution of the practically important cases of oblique spherical triangles; orthographic projection; applications of spherical trigonometry to the terrestrial and celestial spheres.

Mechanics (strength of materials).—Stress, strain and Hooke's law; torsion of shafts; shearing force and bending moment of beams; bending of beams; elastic curve and deflection of beams.

SECOND TERM

Mechanics (dynamics).—Work and energy; kinetic energy of rotation; power, momentum and moment of momentum; motion of center of mass; rotation about a fixed axis; impulse and impulsive forces; impact of elastic bodies.

Division of time

	Work	Number of hours	Total
FOURTH CLASS YEAR			
Summer term.....	Review of plane trigonometry.....	25	25
First term.....	Plane trigonometry.....	12	
	Algebra.....	28	
	Plane analytics.....	40	
	Examination.....	3	83
Second term.....	Solid analytics.....	14	
	Calculus.....	66	
	Examination.....	3	
			83
THIRD CLASS YEAR			
First term.....	Calculus.....	70	
	Differential equations.....	10	
	Examination.....	3	
			83
Second term.....	Differential equations.....	9	
	Mechanics.....	71	
	Examination.....	3	
			83
SECOND CLASS YEAR			
First term.....	Spherical trigonometry.....	20	
	Mechanics.....	12	
	Examination.....	3	
			35
Second term.....	Mechanics.....	32	
	Examination.....	3	
			35

ELECTRICAL ENGINEERING

The objective of this department is to impart the basic concepts and theories, together with some practical applications, of chemistry, physics, electricity and magnetism, electrical engineering and electronics. A study of the fundamentals of the physical sciences is pursued throughout the four years of the curriculum. Such emphasis is predicated upon the fact that, while a familiarity with present day devices is a practical necessity, even more important is an understanding of the fundamental principles to which past, present and future devices owe their existence. Midshipmen are caused to realize that progress depends on a mastery of basic truths, and that, as naval officers, they are being prepared to direct the development and use not only of the accomplished results of the physical sciences but of their future possibilities as well.

DESCRIPTION OF COURSE

FIRST YEAR—FOURTH CLASS

FIRST AND SECOND TERMS

Chemistry.—Fundamentals of chemical theory with a study of the properties of non-metals and metals. Among specific topics studied in *chemical theory* are the laws of chemical combination, kinetic molecular theory, atomic and nuclear structure, radioactivity and nuclear reactions, periodic table, valence, gas laws, solutions, colloids, ionization, thermochemistry, chemical equilibrium, electrochemistry. *Non-metals* studied include oxygen, hydrogen, halogens, nitrogen and sulfur families, silicon, carbon and simple organic compounds. *Metals* studied include the alkali and alkaline earth metals, copper, silver, tin, lead, zinc, aluminum, iron, nickel, chromium and manganese, and semi-micro qualitative analysis. The theory of certain naval subjects such as explosives, corrosion, and water treatment is also included.

SECOND YEAR—THIRD CLASS

FIRST AND SECOND TERMS

Physics.—Fundamentals of mechanics, heat, wave motion, sound and light. *Mechanics*; kinematics, dynamics of a particle, momentum, work and energy, equilibrium, rotational and simple harmonic motion, elasticity, mechanics of fluids. *Heat*: temperature, gas laws and kinetic theory, calorimetry, changes of state, transmission of heat, elementary thermodynamics. *Wave motion, sound and light*: geometry of wave motion, surface waves, sound, geometrical optics, physical optics, polarized light. The theory of certain naval subjects such as the trajectory-in-vacuo, the gyroscope, and optical instruments is also included.

THIRD YEAR—SECOND CLASS

FIRST TERM

Electricity and magnetism.—Basic principles of electricity and magnetism, largely from their theoretical and mathematical aspects. Specific topics studied include: the electric field: Coulomb's law, intensity, potential and charge distribution, dielectric strength, Gauss' law; direct current parameters and circuits: current, resistance, resistivity, Ohm's law, measurement of current, potential difference, resistance, power and energy, Kirchhoff's rules; properties of dielectrics; capacitance and capacitors; magnetic field of current and moving charge: induction, cyclotron, mass spectrograph, production of force; galvanometers, ammeters, voltmeters; induced electromotive force: Lenz's law; inductance: mutual and self, growth and decay of current; magnetic properties of matter and ferromagnetism: magnetization and hysteresis, magnetic intensity, the magnetic circuit.

SECOND TERM

Electrical engineering.—Practical and engineering aspects of electricity and magnetism. The subject matter includes: direct and alternating current parameters and circuit analysis, elements of direct current machinery, single phase circuits, magnetic circuits, and transients.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Electrical engineering (continued).—Principles and characteristics of direct and alternating current rotating machinery, with emphasis on the polyphase induction motor and polyphase synchronous machines; a reintroduction of circuit analysis as applied to basic circuit elements and their behavior over a wide range of frequencies; tuned circuits and filters. In addition to laboratory work paralleling the course, six periods are allotted for a preview of certain applications in electronics.

SECOND TERM

Electronics.—Theory and basic principles of electronics. Subject matter includes: electron emission and ballistics in vacuum and gas-filled tubes; radio and audio-frequency voltage and power amplifiers; impedance matching; common types of oscillators, radio transmitters and receivers; transmission lines; coaxial cables, wave guides, antennas, directive beams and radiation patterns, timing, trigger and shaping circuits; cavity resonators, magnetrons, klystrons used in microwave technique; cathode ray tubes and oscilloscopes; energy conversion and control systems. Radar, Loran, Sonar and other modern developments are included. Basic theory is stressed so that a foundation is acquired for understanding and evaluating future developments in this field.

Division of time

	Practical work	Number of hours	Total	Academic work	Number of hours	Total
FOURTH CLASS YEAR						
First term-----	Chemistry laboratory.	32	32	Chemistry: *Recitations----- Examination-----	47 3	50
Second term-----	do-----	30	30	Chemistry: *Recitations----- Examination-----	47 3	
THIRD CLASS YEAR						
First term-----	Physics laboratory---	30	30	Physics: *Recitations----- Examination-----	46 3	49
Second term-----	do-----	30	30	Physics: *Recitations----- Examination-----	47 3	
SECOND CLASS YEAR						
First term-----	Electrical laboratory--	16	16	Electricity and magnetism: *Recitations----- Examination-----	45 3	48
Second term-----	Electrical engineering laboratory.	30	30	Electrical engineering: *Recitations----- Examination-----	45 3	
FIRST CLASS YEAR						
First term-----	Electrical engineering laboratory.	14	-----	Electrical engineering: *Recitations-----	30	50
	Electronics laboratory.	16	30	Electronics: *Recitations----- Examination-----	17 3	
Second term-----	do-----	30	30	Electronics: *Recitations----- Examination-----	45 3	48

*NOTE.—Lectures are included as part of certain recitations.

ENGLISH, HISTORY AND GOVERNMENT

1. *General objective.*—To teach midshipmen to read with understanding and to express themselves, both in speech and in writing, with clarity and effectiveness; to acquaint them with the significant events and trends of history, and the factors affecting international relations; to instill in them an appreciation of good literature; and to give them that knowledge of government and of national policies which is a foundation for the responsibilities of citizenship and public service.

2. *Specific objectives;*

(a) To impart a thorough knowledge of the principles and practices of oral and written composition, with particular emphasis on exposition and speech, in order that the midshipmen may attain the ability to express themselves clearly, concisely, and correctly.

(b) To teach midshipmen to read with understanding, and by the study of great literature to increase their vocabularies, their range of ideas, their appreciation of good writing, their knowledge of human nature and their understanding of peoples.

(c) To acquaint midshipmen with the main trends of modern history, in order that they may appraise the past, and better recognize the social, geographic, economic, and political factors influencing international relations.

(d) To supply a fundamental knowledge of the principles and organization of government, in order to familiarize midshipmen with the tools of national administration.

(e) To acquaint midshipmen with the fundamental concepts of economics and the nature of current politico-economic problems.

(f) To acquaint midshipmen with the principal aspects of the past and present foreign policies of the United States and show how they have resulted from, and in turn influenced, our national development.

(g) To acquaint midshipmen with the development of naval power and the modern navy, particularly that of the United States; to note the influence of changing techniques and weapons upon that development; to interpret the role of sea power in the world of the past and the present; and to inform midshipmen of the various forces, especially the economic and geographic, which are the determinants of national security and influence in international affairs.

3. These objectives are realized as follows:

(a) In the study of composition, by constant, carefully criticised practice in writing and speaking, such practice to be guided by the use of standard textbooks on rhetoric and current English usage, and enriched by reading and discussing selections from the works of outstanding modern writers. *Continued practice in composition and speech is an integral part of all courses taught. Throughout the entire course midshipmen are given progressive instruction and exercise in speech commencing with speech tests during fourth class summer.* About 3 weeks of the first term of fourth class year are devoted exclusively to carefully planned exercises in oral exposition. During the first term of first class year, one hour a week is devoted to instruction and practice in varied speech situations. Throughout the year the first class is also given experience in formal after-dinner speaking.

(b) In the study of literature, by supervised reading, discussion, and interpretation of representative literary works.

(c) In the study of European history, United States Government, economics, and United States foreign policy, by use of textbooks, pamphlets, maps, and other suitable material, prepared either in the department or outside.

(d) In the study of naval history, by textbooks and visual aids covering both general and United States history, with particular emphasis on technological developments, the influences of new types and weapons, world trade routes and sources of strategic materials, and map study to enhance the midshipmen's knowledge of geography. The course acquaints the midshipmen with the principal naval tra-

ditions and lays the essential foundation for later professional study of strategy and tactics, and seeks to arouse an early interest in such study.

4. Fourth class summer is devoted to indoctrination in the traditions of the naval service, in learning how to use the library and in speech screening to discover any existing speech defects.

5. There is a series of Friday evening lectures for the first class on philosophy, literature, history, government, economics, and international affairs by speakers outstanding in these fields. The integrated groupment of the lectures is significant. Beginning with a presentation of the all-inclusive role of philosophy in our civilization, they carry through an interpretation of the part played by the humanities and social sciences in modern life.

6. Time allotted to this department:

Recitations.....	Hours 384
Evening lectures.....	7

Plus the following for which no semester credits are given:

Fourth class summer, 12 library periods and 9 evening lectures in indoctrination;

First class year, after-dinner speaking, each midshipman to speak three times.

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Fourth class summer is devoted mainly to indoctrination which includes required reading of the lives and exploits of outstanding naval officers and significant aspects of our naval history, instruction in the arrangement and use of the library, and lectures designed to introduce midshipmen to the history and spirit of the Navy. All members of the fourth class are screened for defects of speech and remedial measures are assigned those who are below standard.

FIRST TERM

Composition and literature.—The purpose of this course is to teach midshipmen to read with intelligence and understanding and, by constant practice in writing and speaking, to express their own ideas clearly and correctly. During this term emphasis is on composition, especially exposition. Reading assignments are required to acquaint the midshipmen with the principles which they must apply in their oral and written work. Approximately three weeks are devoted to the preparation and delivery of speeches.

SECOND TERM

Composition and literature.—The purpose cited in the first term course is continued during the second term. However, the principal emphasis is on literature, especially modern English literature. Midshipmen are required to understand the thought and structure of the various selections.

SECOND YEAR—THIRD CLASS

FIRST TERM

European history.—This course consists of a study of European history from the Renaissance to the present time. The past is studied with the present continually in mind. In addition to the study of a textbook, the course includes classroom lectures and map work.

SECOND TERM

United States foreign policy and speech.—The course in foreign policy consists of study of a textbook supplemented by classroom lectures. Emphasis is placed on the part played by naval officers in relations with foreign countries. One additional hour a week is devoted to instruction in speech. This includes the study of a textbook and the delivery of a number of speeches using topics in general taken from or relating to American foreign affairs.

THIRD YEAR—SECOND CLASS

FIRST TERM

United States Government.—The course in government considers the characteristics of our government as delimited by the Constitution and stresses those aspects upon which the duties and obligations of the naval officer are founded.

SECOND TERM

Economics.—The course in economics consists of a study of a text which presents the fundamental concepts of economics, together with classroom discussion and study of current economic problems.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Naval history and speech.—The course consists of a study of textbooks on general and United States naval history, supplemented by collateral reading, map work, and visual aids. The course opens with a study of Mahan's writings on aspects of the principles of war and then starting with the rise of naval power in the Mediterranean, traces the causes, course, and results of naval actions up to the end of the Nineteenth Century. One recitation a week is devoted to making speeches, usually on topics relating to history and naval affairs.

SECOND TERM

Naval history and advanced exposition.—Naval history is continued up to the present with special attention being given to the major occurrences of World War II. During this time a term paper is prepared dealing with related matter, for which special time is allotted for research in the Naval Academy Library.

FIRST AND SECOND TERMS

After-dinner speaking.—The purpose of this course is to give midshipmen practice and training, under realistic conditions, in this type of speaking. Each midshipman speaks three times at formal dinners held in the banquet rooms, Bancroft Hall.

Special lectures.—A course of seven Friday evening lectures in the social-humanistic area is given by outstanding speakers and leaders in their respective fields.

Division of time

	Course	Number of hours	Total
FIRST YEAR—FOURTH CLASS			
Summer term.....	Library periods.....	2	12½
	Lectures.....	9	
	Examination.....	1½	
First term.....	Composition and literature.....	47	49½
	Examination.....	2½	
Second term.....	Composition and literature.....	47	49½
	Examination.....	2½	
SECOND YEAR—THIRD CLASS			
First term.....	European history.....	47	49½
	Examination.....	2½	
Second term.....	United States foreign policy and public speaking.....	47	49½
	Examination.....	2½	
THIRD YEAR—SECOND CLASS			
First term.....	Government.....	31	33½
	Examination.....	2½	
Second term.....	Economics.....	31	33½
	Examination.....	2½	
FOURTH YEAR—FIRST CLASS			
First term.....	Naval history and public speaking.....	62	66½
	Examination.....	2½	
	After-dinner speaking.....	2	
Second term.....	Naval history and advanced exposition and elements of national power.....	62	66½
	Examination.....	2½	
	After-dinner speaking.....	2	

FOREIGN LANGUAGES

1. *General objective.*—To provide every midshipman with a working knowledge of one foreign language and a knowledge of the area, the civilization, the customs and the history of the people whose language is being studied.

2. *Specific objectives.*

(a) For midshipmen enrolled in the regular language course: To enable them to communicate in simple phraseology in one of the following languages: French, Spanish, German, Portuguese, Russian, or Italian, and to understand the nature of the people whose language is being studied.

(b) For midshipmen enrolled in the advanced language course (French or Spanish): To provide them with such an all-round working knowledge of the foreign language that they will be able to discuss, with assurance, subjects embraced within their professional knowledge and in international affairs pertaining to the people whose language is being studied.

3. The above objectives are realized as follows:

(a) A midshipman may, insofar as practicable, elect the foreign language (French, Spanish, German, Portuguese, Russian, or Italian) that he will study while at the Naval Academy. Reverse Portuguese/Spanish is assigned to midshipmen from other American republics who are in need of further training in the English language.

(b) By ample study and conversational practice in the language, employing modern teaching methods and textbooks selected for area study as well as fundamentals of the language. Emphasis is placed on pronunciation, intonation, correct reading habits, capacity for thinking in the foreign language, and understanding the characteristics of the people speaking that language.

4. The entering class is divided into groups approximately as follows: 45 percent study Spanish, 23 percent French, 9 percent Portuguese, 9 percent German, 10 percent Russian, and 4 percent Italian.

Division of time

	Number of hours	Total	Total for year
FOURTH CLASS			
Summer term: Pronunciation.....	6	6	
First term:			
Recitations.....	48		
Examination.....	3		
		51	
Second term:			
Recitations.....	48		
Examination.....	3		
		51	108
THIRD CLASS			
First term:			
Recitations.....	48		
Examination.....	3		
		51	
Second term:			
Recitations.....	48		
Examination.....	3		
		51	102

HYGIENE

1. *General objective.*—To inculcate in the midshipmen a sound appreciation of the value and necessity of personal hygiene; and to prepare the midshipmen for the assumption of those responsibilities for the promotion and safeguarding of health, including mental health, which are the functions of command.

2. *Specific objectives.* (a) To prepare the midshipmen to make their fullest personal contribution to the continuance of their health and thus to their scholastic and extracurricular achievements.

(b) To acquaint them with general physiology, bacteriology, sanitation; personal hygiene, including mental hygiene and the effects of narcotics, stimulants, and alcohol; naval hygiene; factors of health in relation to modern warfare; and first aid.

3. The above objectives are realized as follows:

(a) A short course of lectures on personal hygiene during fourth class summer.

(b) A course of lectures and motion pictures augmented by a textbook for reference purposes during the third class year.

DESCRIPTION OF COURSE

FOURTH CLASS YEAR

Four one-hour lectures on personal hygiene, including social and mental hygiene, oral hygiene, care of the eyes, preventable diseases, and rules for maintaining health. Moving pictures are employed. No textbook is required.

THIRD CLASS YEAR

Ten lectures covering the following subjects:

Elementary anatomy, physiology, bacteriology; community and social hygiene, control of epidemics; personal hygiene, including mental hygiene, the effects of narcotics, stimulants, alcohol and tobacco; fatigue, its causes, effect, and control; naval hygiene; field hygiene, including hygiene of the camp and march; hygiene in relation to modern warfare; general first aid; care of battle casualties and survivors of disasters at sea. Moving pictures are utilized with these lectures, and a textbook compiled especially for midshipmen is available for reference purposes.

Division of time

	Number of hours	Total
THIRD CLASS YEAR		
Lectures.....	10	11
Examination.....	1	
FOURTH CLASS YEAR		
Lectures.....	4	4

PHYSICAL TRAINING

1. *General objective.*—To develop the skill, strength, endurance, agility, and competitive spirit of the midshipmen to the end that, upon graduation, they will—

(1) Be capable of surmounting severe physical hardships.

(2) Be proficient in training and instructing others.

(3) Have acquired, through indoctrination and regular exercise for health and recreation, useful habits of physical fitness which they will carry with them through life.

2. *Specific objectives;*

(a) To build up strength and endurance and to correct definite weaknesses by means of a closely supervised and regular program of physical drills.

(b) To develop agility, coordination, and the ability to handle oneself without weapons through a supervised and compulsory program of athletic drill periods consisting of individual instruction and participation in selected competitive sports, with emphasis on the attainment of ability to train and instruct others.

(c) To encourage in every midshipman the habit of healthful recreation; to develop team play and to foster aggressiveness, through a program of intramural sports.

(d) To develop interest, Academy spirit, team play, incentive to excel, ability to perform under pressure, and to provide occasions for association with students of other colleges through a comprehensive program of intercollegiate sports.

3. The above objectives are realized as follows:

(a) and (b) By a well-selected program of drills and athletic periods, closely coordinated with the drill programs of other departments, particularly executive,

aviation, and seamanship (infantry drill, pulling boats, sailing) to the end that physical exercise will be regular and well distributed. This program is supplemented by regular tests (swimming, strength obstacle course, etc.), to demonstrate progress and to indicate specific weaknesses, and further supplemented by extra (weak and swimming squad) instruction, under close supervision, for the backward.

(c) By an organized program of intramural sports scheduled during recreation hours. This includes as a specific aim, positive encouragement for *every* midshipman to attain sufficient proficiency in some one or two forms of recreational exercise (such as golf, tennis and other simple and commonly available sports) that lead to continued participation throughout the active years of life.

(d) By scheduling athletic contests with leading colleges. A comprehensive program of intercollegiate sports is maintained to provide occasions for team experience and for association with students of other colleges.

DESCRIPTION OF COURSE

FIRST YEAR—FOURTH CLASS

SUMMER TERM

Classification tests in swimming, posture, strength, stamina and agility. Instruction in swimming, boxing, wrestling, obstacle course, gymnastics, football, and soccer. 47 periods.

FIRST AND SECOND TERMS

Continuation of above instruction with the addition of military track, posture, basketball, fencing, tennis, and golf. 56 periods.

SECOND YEAR—THIRD CLASS

Continuation of subjects of first year with the addition of handball and squash. 48 periods.

THIRD YEAR—SECOND CLASS

Specialization in golf, tennis, squash, handball, leading calisthenics, athletic coaching and officiating, swimming and life saving. 64 periods.

FOURTH YEAR—FIRST CLASS

(None)

Throughout the entire four years a comprehensive program of intramural and intercollegiate athletics is conducted for the purpose of developing competitive spirit, confidence, teamwork, loyalty, leadership, and social contact.

In the current year there will be 478 intramural athletic squads coached by midshipmen in 24 different sports. These squads will engage in 2542 intramural contests officiated by midshipmen. In addition thereto, there will be 42 varsity, junior varsity, and plebe squads in 21 different sports competing in 278 intercollegiate athletic contests.

NAVAL ACADEMY YACHT SQUADRON

The United States Naval Academy Yacht Squadron was formed in 1941 as an adjunct to the training of midshipmen, to increase their familiarity with larger sailing craft, and to encourage their love for the sea. The active squadron consists of the 71-foot staysail ketch *Vamarie*, the 61-foot cutter *Highland Light*, twelve 43-foot yawls, and the 44-foot sloop *Norderney*. Due to the lack of funds and a shortage of enlisted personnel the following additional yachts have been retained in caretaker status during the past year: The 88-foot schooner *Freedom*, the 85-foot yawl *Eastwind*, and the 40-foot schooner *Elizabeth*. In addition to yachts of the active squadron there are eighteen 26-foot knockabouts, five 27-foot halfraters and eleven 30-foot sailing whaleboats. Smallest of the United States Naval Academy sailing craft but not part of the Yacht Squadron are the eight international star boats and the thirty 12-foot dinghies, which are used for Intercollegiate and informal competition by members of the United States Naval Academy sailing team.

LIBRARY

Mission.—The Naval Academy Library is the principal reference and research organization for the Severn River Naval Command, organized under a professional librarian and library staff to provide books, documents, and information to aid the naval service. Its primary responsibility is to the Superintendent, to the officers and civilian faculty and to the midshipmen, but it also performs important service for the officers stationed throughout the Command. As occasion may demand, it extends its assistance farther afield to individuals throughout the country and even to foreign institutions.

To render these services it has assembled the largest collection of naval books, documents, and periodicals in the United States. The guiding aim is to procure the latest authoritative material in all major fields of knowledge.

Location and holdings.—The library is housed in large, attractive reading and stack rooms in Mahan and Maury Halls. The collection comprises about 121,000 volumes, increasing at the rate of 4,000 volumes a year with many popular, technical, and naval magazines. The collection of naval histories and of naval biographies, of works on the development of various types of ships, of seamanship, navigation, aeronautics, ordnance, and gunnery is especially strong. It is well developed in history, biography, international law and relations, travel, and in reference works, with other subjects in less degree. In addition, a collection of the best current fiction is maintained for recreational reading. The books and periodicals are arranged on open shelves providing convenient access.

Bulletin boards in the library and in Bancroft Hall announce the new books. Further, to show what the library has to offer and to promote its use and service, a mimeographed bulletin is issued once a week, containing the titles of 35 to 40 of the latest books acquired, and giving beneath each title a brief annotation describing its outstanding features. Often these bulletins are made up in part from the titles of articles contained in the publications of naval, military, or engineering societies, and at other times of those of naval interest appearing in the general periodicals. The bulletin is made available to all officers, professors, and midshipmen.

Use of the library is extensive with the number of books circulated in 1947-48 amounting to 46,961 volumes and with the reference and research work being carried on in response to 2,925 requests for information. All midshipmen are required during their first summer to spend 2 hours a week under the direction of the Library staff for instruction in the use of the various periodical indexes, reference books, and other library tools. The purpose is to acquaint midshipmen with the location of the books, to teach the use of the catalog, and the best ways to look up topics on which information is sought.

The library provides officers, instructors, and midshipmen not only with facilities for advancing their professional training, but it also offers opportunities for cultural and recreational reading.

Library hours: 9 a. m. to 6:15 p. m. daily including Saturdays; Sundays 2 to 6 p. m.

Regimental libraries.—In addition to the main library, small libraries are maintained in Bancroft Hall—one for each regiment. These collections enable midshipmen to have ready access to reference books, including naval histories, during study hours when it is not possible to visit the large collections in the main library.

Departmental libraries.—Each of the departments of instruction maintain a departmental library of the works related to its particular field for use of the instructional staff.



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